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THE

VOYAGE OF H.M.S. CHALLENGER.

ZOOLOGY—VOL. XXIX.

PLATES.

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REPORT

ON THE

SCIENTIFIC RESULTS

OF THE

VOYAGE OF H.M.S. CHALLENGER

DURING THE YEARS 1873-76

UNDER THE COMMAND OF

CAPTAIN GEORGE S. NARES, R.N., F.R.S.

AND THE LATE

CAPTAIN FRANK TOURLE THOMSON, R.N.

PREPARED UNDER THE SUPERINTENDENCE OF

THE LATE

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REGIUS PROFESSOR OF NATURAL HISTORY IN THE UNIVERSITY OF EDINBURGH

DIRECTOR OF THE CIVILIAN SCIENTIFIC STAFF ON BOARD

AND NOW OF

JOHN MURRAY, LL.D., Ph.D., &c.

ONE OF THE NATURALISTS OF THE EXPEDITION

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PLATES

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Report on the Amphipoda collected by H.M.S. Challenger during the years 1873–1876.

By Rev. Thomas R. R. Stebbing, M.A.

PLATES.

EDITORIAL NOTE.

The collections of Amphipoda procured in the trawls, dredges, and tow-nets during the voyage of H.M.S. Challenger were placed in the hands of the Rev. Thomas R. R. Stebbing for examination and description in the summer of 1882. From not long after that date up to the present time Mr. Stebbing has been almost exclusively occupied in the work connected with the preparation of this extensive and valuable Report, which will be welcomed by all students of the Crustacea.

There is the same uncertainty connected with the Amphipoda as with several other groups of animals taken in the trawls and tow-nets, as to the depths at which the specimens were captured. Some were undoubtedly taken at or near the bottom, while others were as certainly taken in the surface and subsurface waters, but with others again there is a great deal of doubt. Although a record of the depths to which the nets were let down was attached to the specimens, the naturalists of the Expedition did not intend to convey the impression that the specimens necessarily came from the depths indicated.

This Report, which forms part LXVII. and Volume XXIX. of the Zoological Series of Reports, consists of 1774 pages of letterpress, with 212 Plates and a Map. The whole is bound up in three separate portions, two of letterpress and one of Plates.

The first Instalment of the Manuscript was received by me on the 5th December 1885, and the last on the 30th November 1888.

John Murray.

Challenger Office, 32 Queen Street,
Edinburgh, *December* 5, 1888.

EXPLANATION OF THE PLATES.

The lettering is uniform throughout the Plates, and is based on the initial letters of the words indicated :—

C. Cephalon.
oc. Ocelli, parts of the compound eye.
a.s. Antenna superior, upper antenna.
a.i. Antenna inferior, lower antenna.
g.c. Gland-cone.
ep. Epistome.
l.s. Labium superius, labrum, upper lip.
l.i. Labium inferius, lower lip.
m. Mandible.
mx.^{1}. First maxilla.
mx.^{2}. Second maxilla.
mxp. Maxillipeds.
Org. trit. or *o.t.* Triturating organs of the stomach.
c. Cor, the heart.
gn.^{1}. First gnathopod.
gn.^{2}. Second gnathopod.
prp.$^{1, 2, 3, 4, 5}$. First, second, third, fourth, and fifth peræopods.
Pl.s. Pleon-segment.
plp.$^{1, 2, 3}$. First, second, and third pleopods.
plp.sp. Coupling-spines or cleft-spines of the pleopods.
ur.$^{1, 2, 3}$. First, second, and third uropods.
T. Telson.
♂ male, ♀ female, ~ young.

As a rule in each species all the figures of the same group, as for example the mouth organs or the limbs of the peræon, are drawn to the same scale, though the different groups are frequently drawn to different scales. The linear magnifying powers of the microscope used are stated by the makers to be nearly as follows :—

"2-inch	Object-glass,	with	No. 1	Eye-piece,	24 ; with	No. 2 do., 40.
1-inch	do.		do.	do.	55 ;	do. 100.
¼-inch	do.		do.	do.	200 ;	do. 350."

The outlines of the undissected specimen represent it as seen in liquid under a low magnifying power, the appendages of only one side of the animal being figured, and the pleopods being generally omitted altogether.

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„ CC. *Simorhynchotus antennarius* (Claus), Mid Atlantic, . . 1572

Family Oxycephalidæ.

„ CCI. *Oxycephalus clausi*, Bovallius, Mid Atlantic, . . 1578

„ CCII. *Oxycephalus clausi* (?), North Pacific, . . . 1583

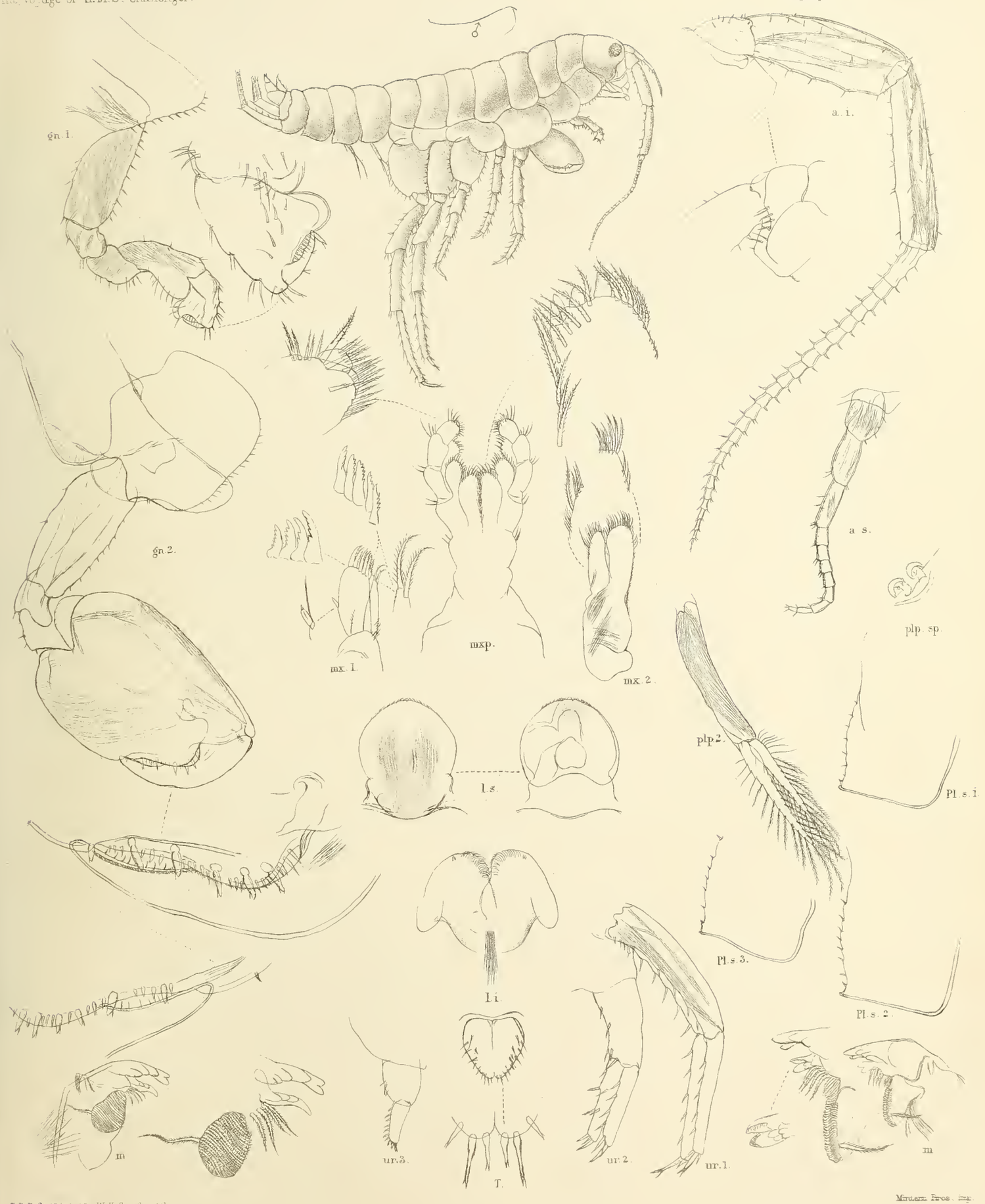
PAGE

Plate CCIII. *Oxycephalus porcellus*, Claus, Mid Pacific, . . . 1587
„ CCIV., A. *Oxycephalus porcellus*, Claus, Mid Atlantic, . . . 1589
„ „ B. *Oxycephalus longiceps*, Claus, North Pacific, . . . 1591
„ „ C. *Leptocotis mindanaonis*, n. sp., Mid Pacific, . . . 1598
„ CCV. *Leptocotis ambobus*, n. sp., South Pacific, . . . 1594
„ CCVI. *Calamorhynchus rigidus*, n. sp., South Atlantic, . . 1600
„ CCVII. *Streetsia challengeri*, n. sp., Mid Atlantic, . . . 1603
„ CCVIII. *Rhabdosoma brevicaudatum*, n. sp., Mid Atlantic, . . 1612

MISCELLANEA.

„ CCIX., A. *Cyllopus hookeri*, n. sp., South Atlantic, . . . 1296
„ „ B. *Primno antarctica*, n. sp., Antarctic Ocean, . . . 1448
„ „ C. *Lycæopsis pauli*, n. sp., Mid Atlantic, ... 1459
„ „ D. *Paratyphis promontorii*, n. sp., South Atlantic, . . 1476
„ CCX., A. *Tetrathyrus arafuræ*, n. sp., Mid Pacific, . . . 1483
„ „ B. *Amphithyrus orientalis*, n. sp., North Pacific, . . . 1485
„ „ C. *Thyropus danæ*, n. sp., Mid Atlantic, ... 1492
„ „ D. *Schizoscelus ornatus*, Claus, Mid Pacific, . . . 1504
„ „ E. *Paralycæa hoylei*, n. sp., Mid Atlantic, ... 1570

MAP showing the distribution of the CHALLENGER AMPHIPODA according to Families.



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Mintern Bros. imp.

ORCHESTIA SELKIRKI, n. sp.

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ORCHESTIA SELKIRKI, n. sp.

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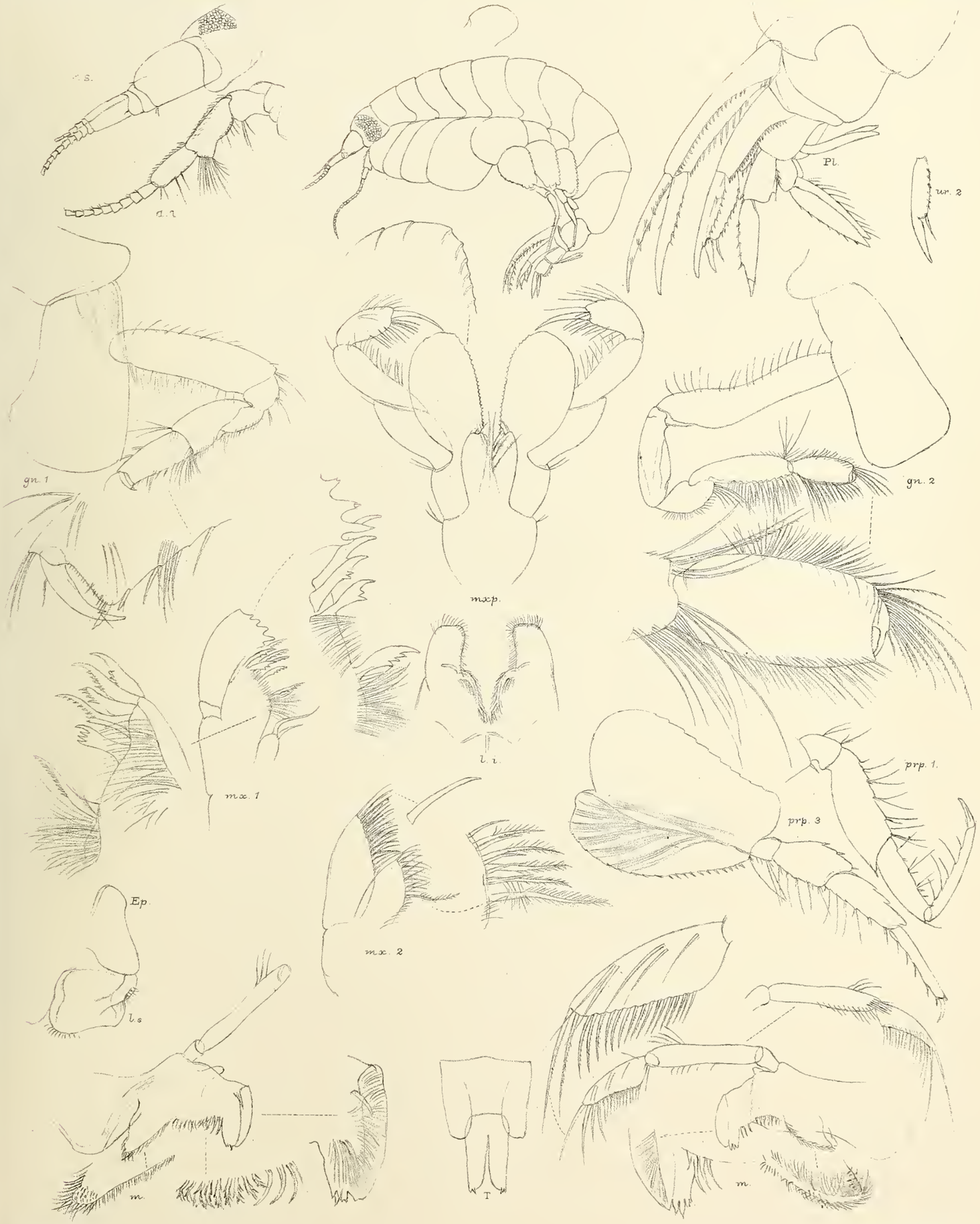

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ANONYX AMPULLOIDES, Stimpson & Bate.

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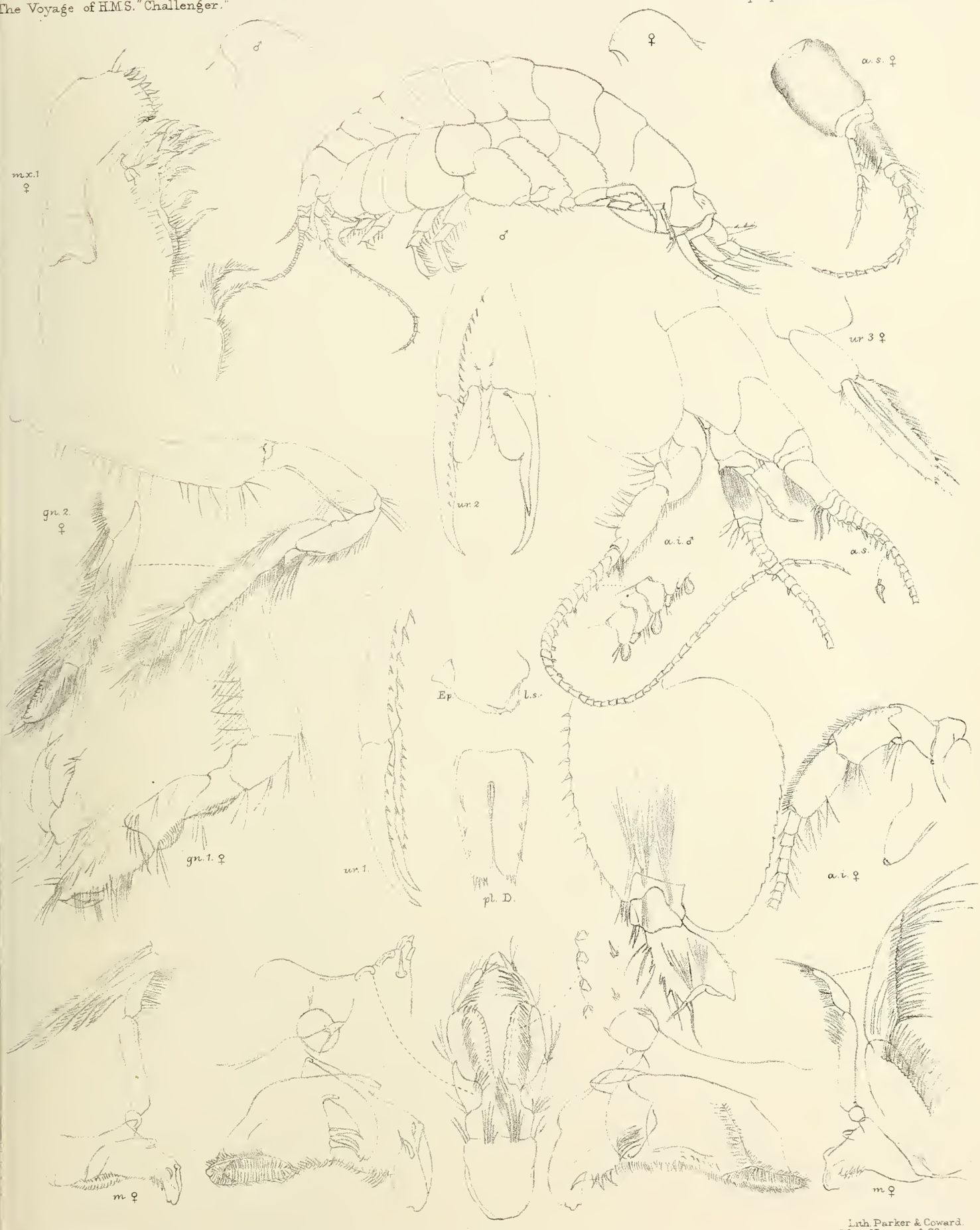
ANONYX CICADOIDES, n. sp.

NATURAL HISTORY.



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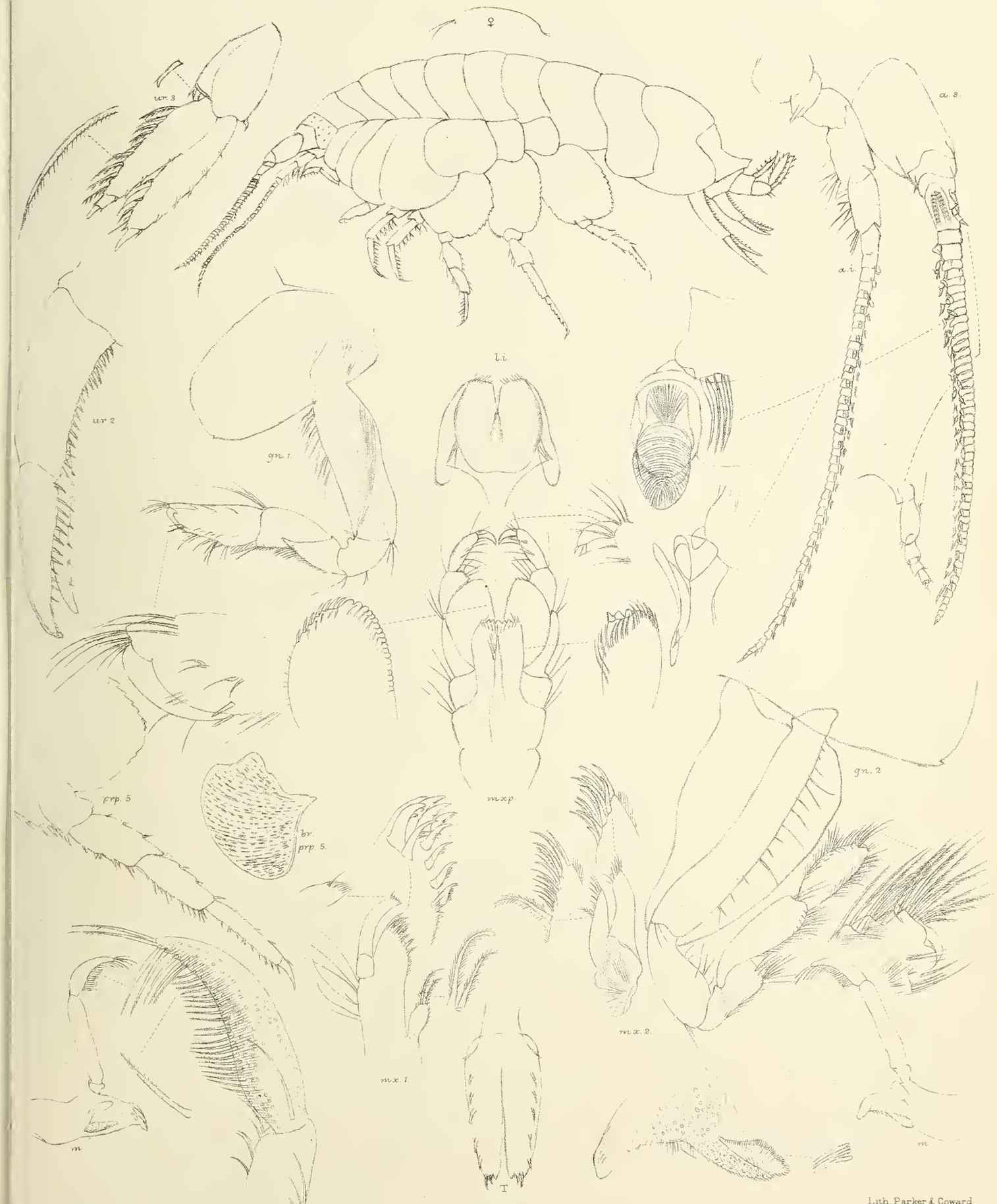

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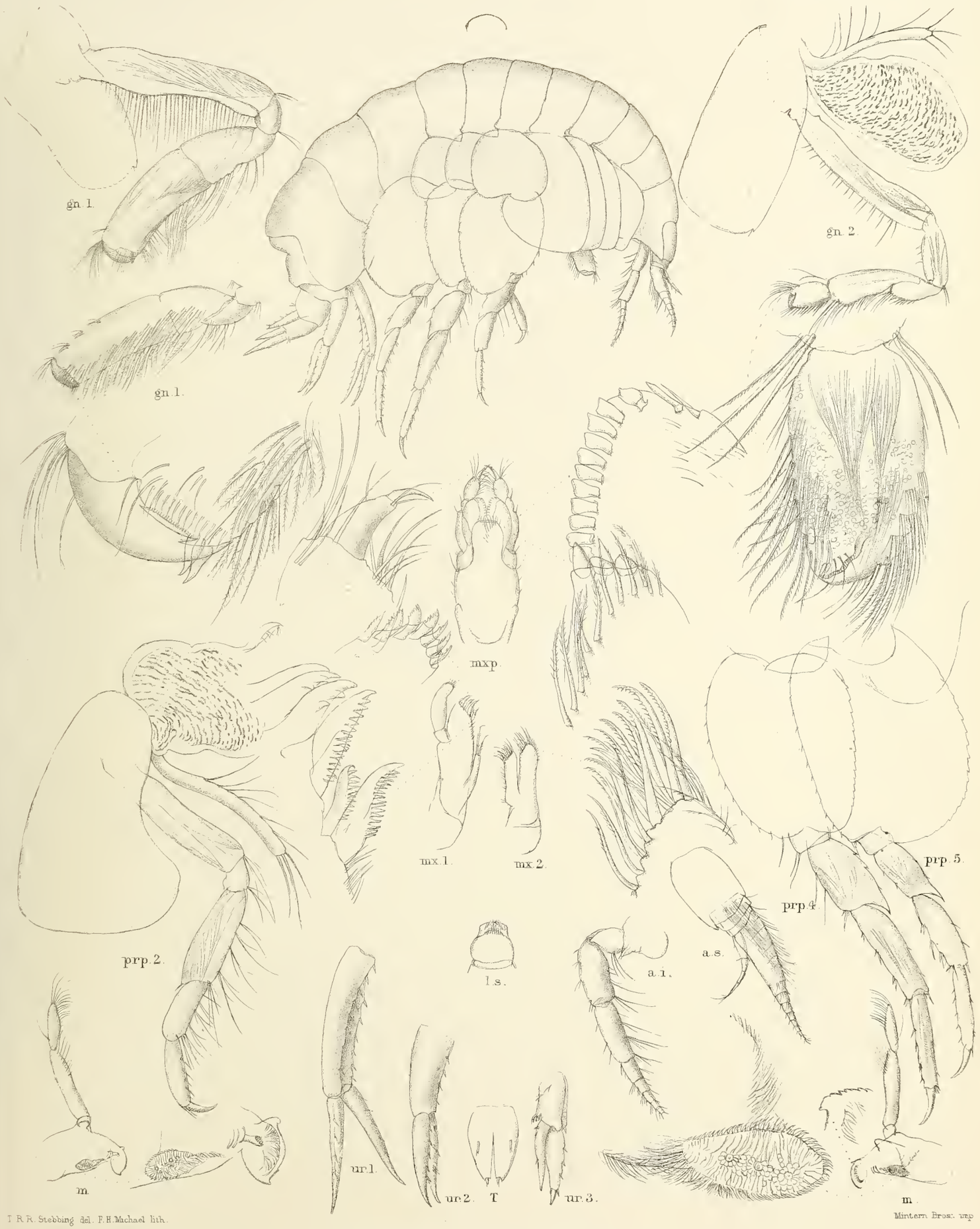
TRYPHOSA ANTENNIPOTENS, n. sp.

NATURAL HISTORY.



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TRYPHOSA BARBATIPES, n. sp

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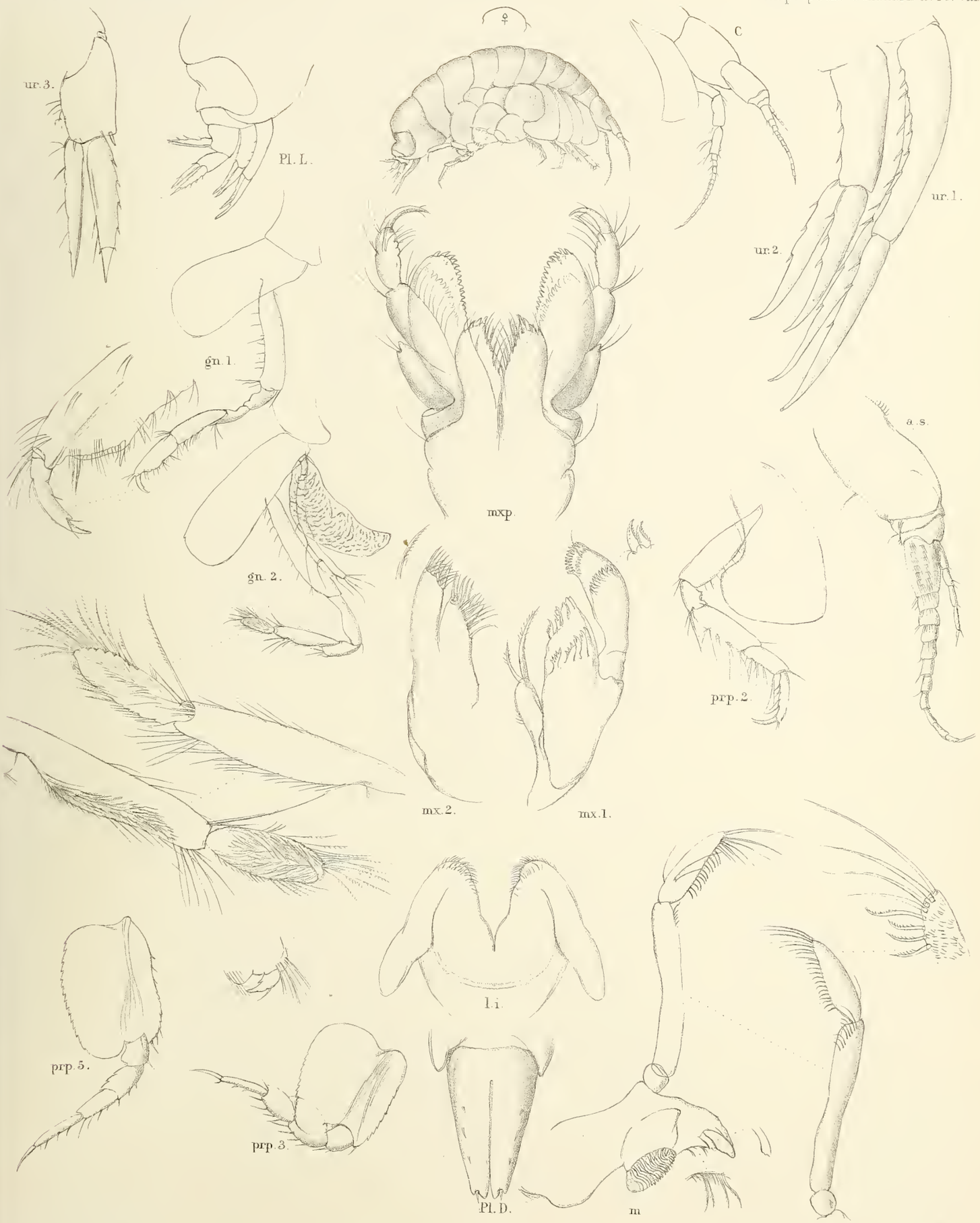
NATURAL HISTORY



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HIPPOMEDON KERGUELENI, Miers.

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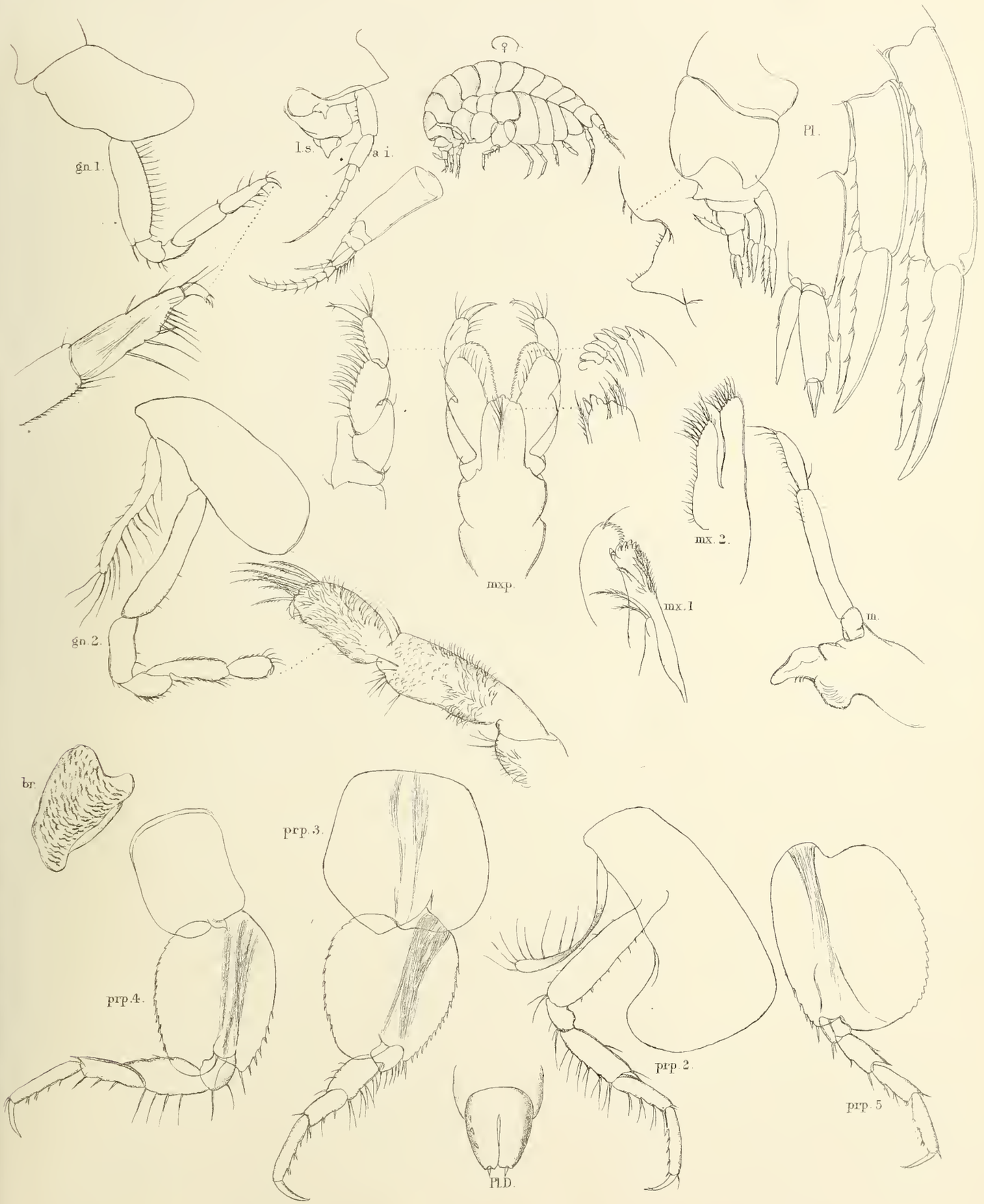

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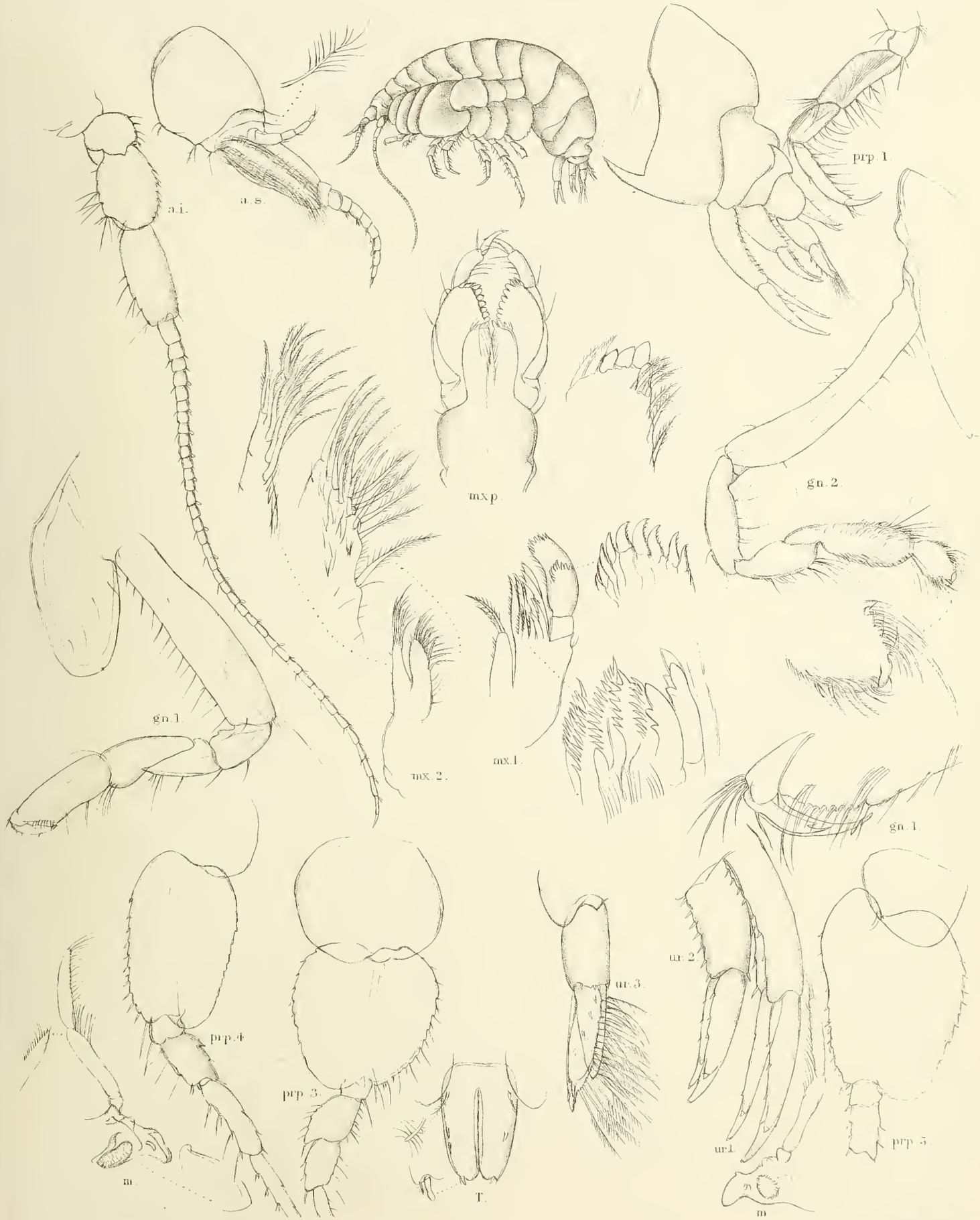
HIPPOMEDON TRIGONICUS, n.sp.



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HIPPOMEDON MIERSI, n.sp.

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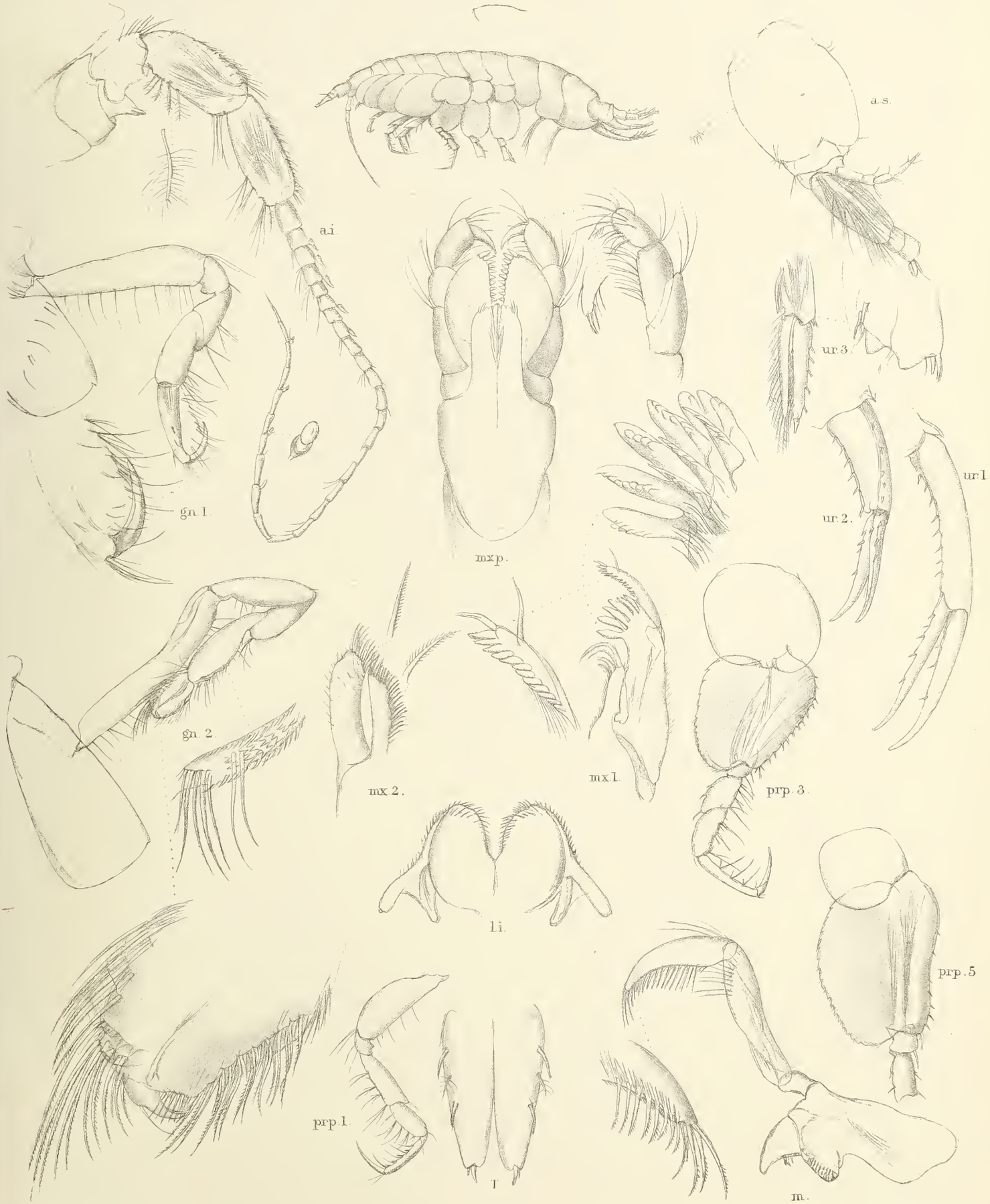
NATURAL HISTORY.



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HIPPOMEDON GEELONGI, n. sp.

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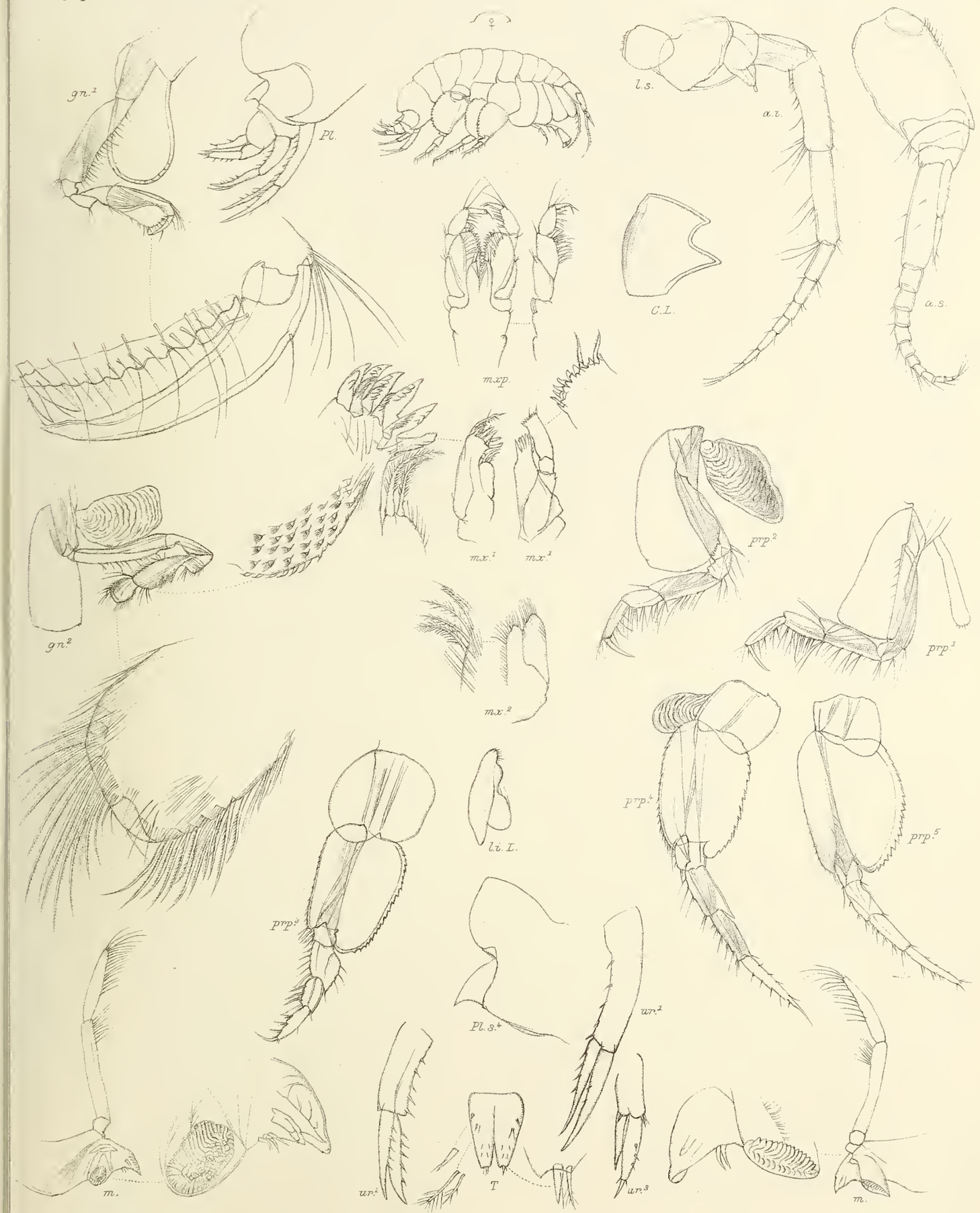
NATURAL HISTORY.



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CHEIRIMEDON CRENATIPALMATUS, n. g. et sp.

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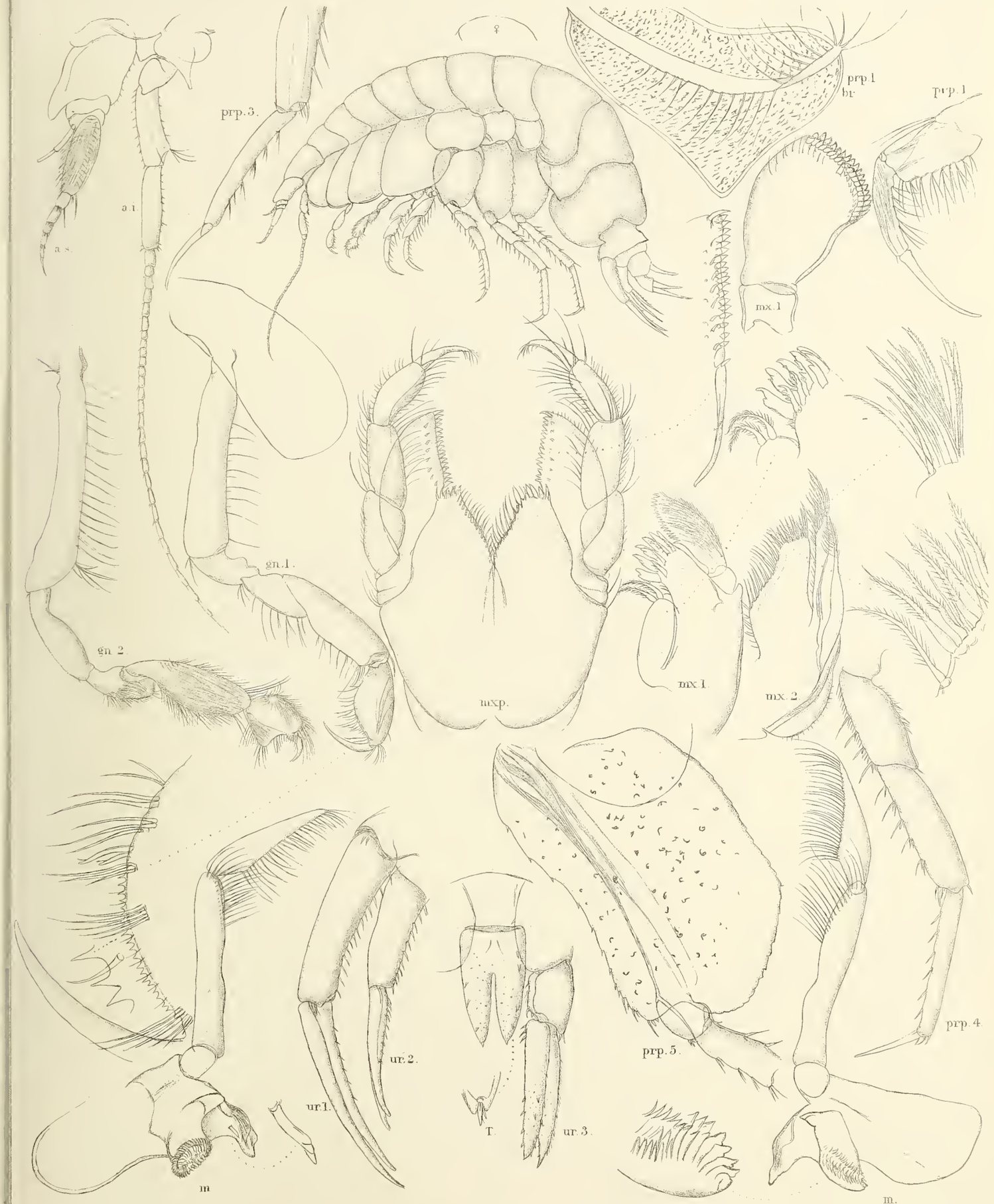

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Mintern. Bros. imp.

PLATAMON LONGIMANUS, n. g. et sp.

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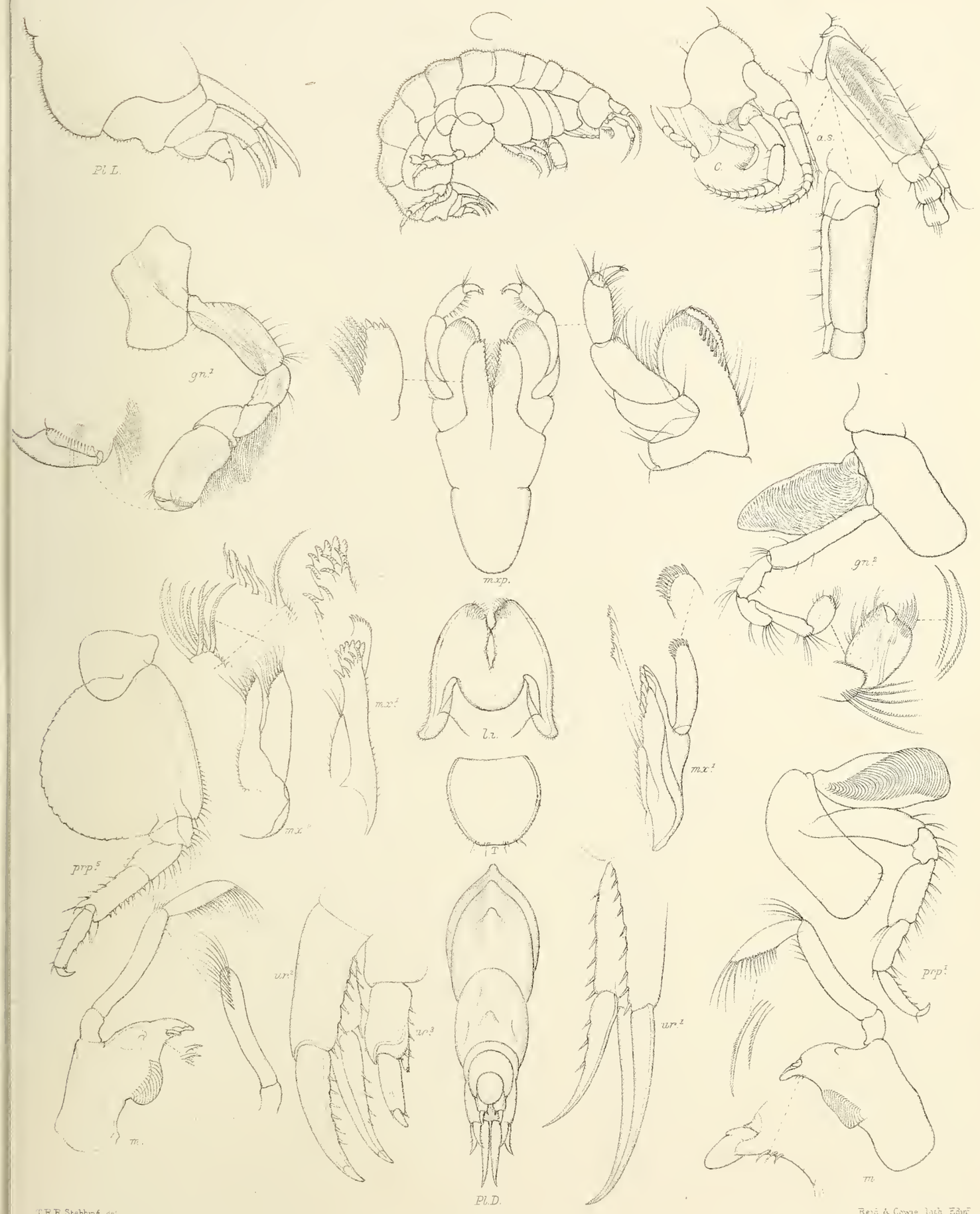
NATURAL HISTORY



T.R.R. Stebbing del.

Reid & Cowie lith. Edin.

ONESIMOIDES CARINATUS, n. g et sp.

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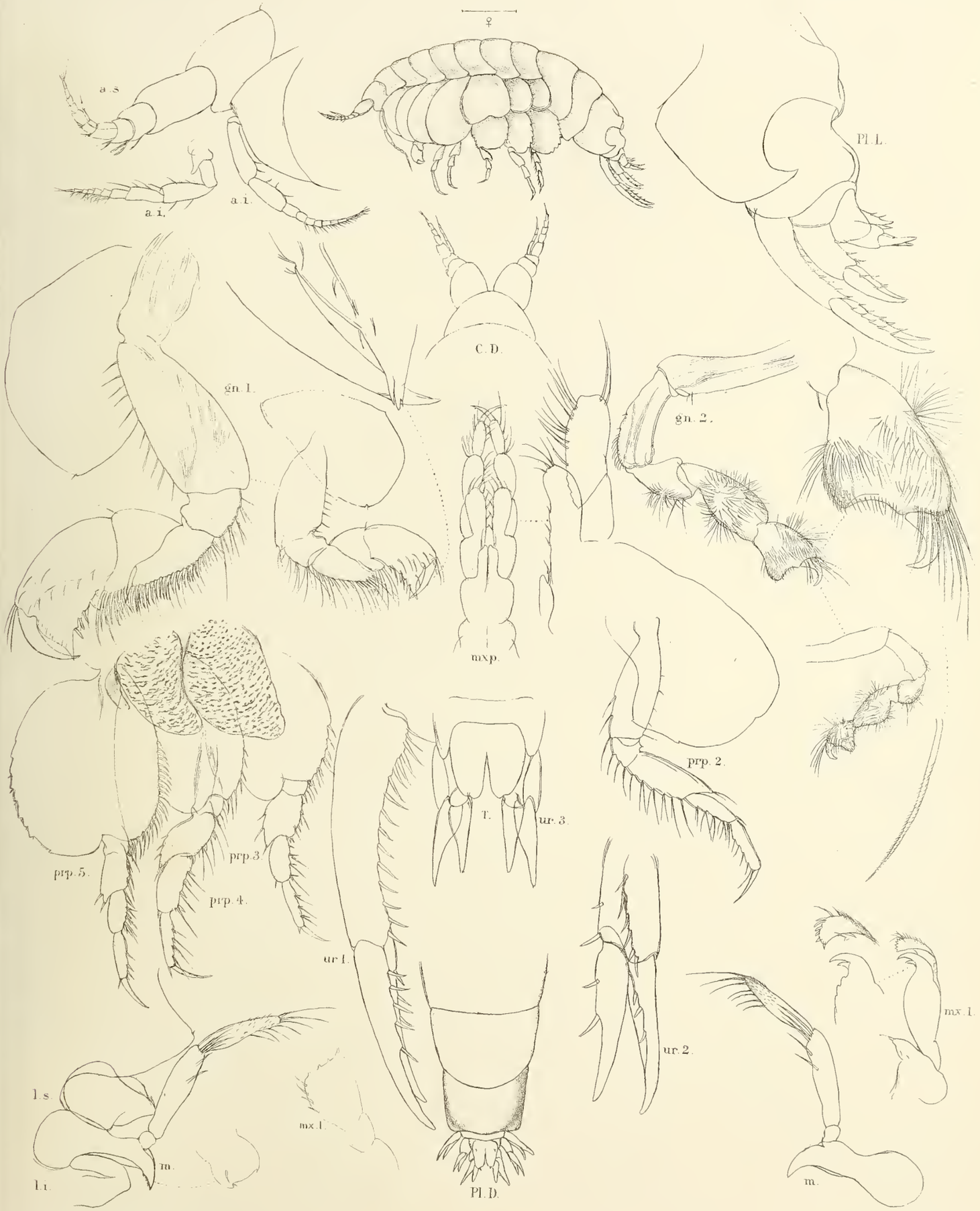
NATURAL HISTORY.



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SOPHROSYNE MURRAYI, n. g. et sp.

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T.R.R. Stebbing, del.

J.T. Rennie Reid, Lith. Edin.

KERGUELENIA COMPACTA, n. g. et sp.

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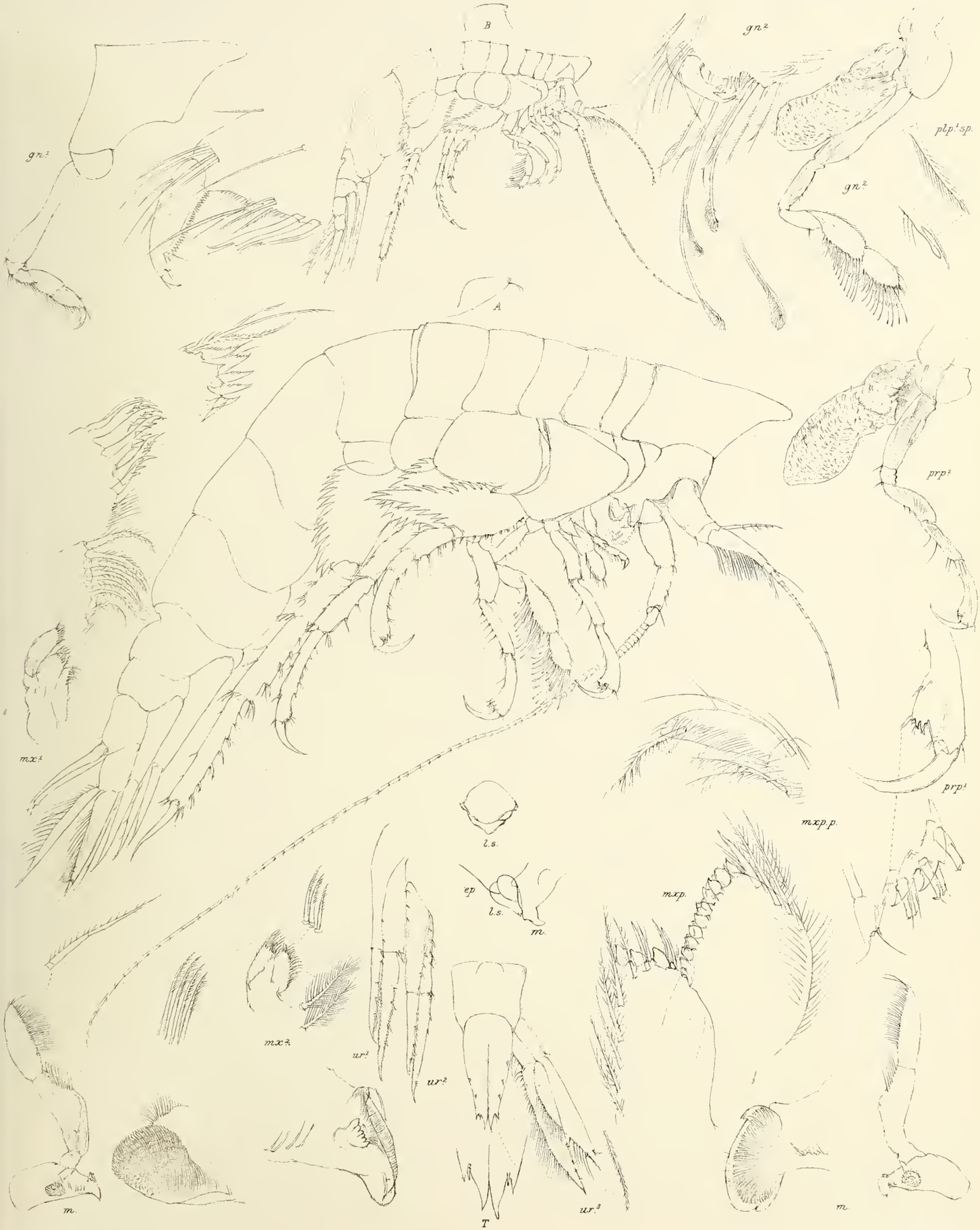

T.R.R. Stebbing del.

P. Huth, Lith.r Edin.r

CYPHOCARIS MICRONYX, n.sp.

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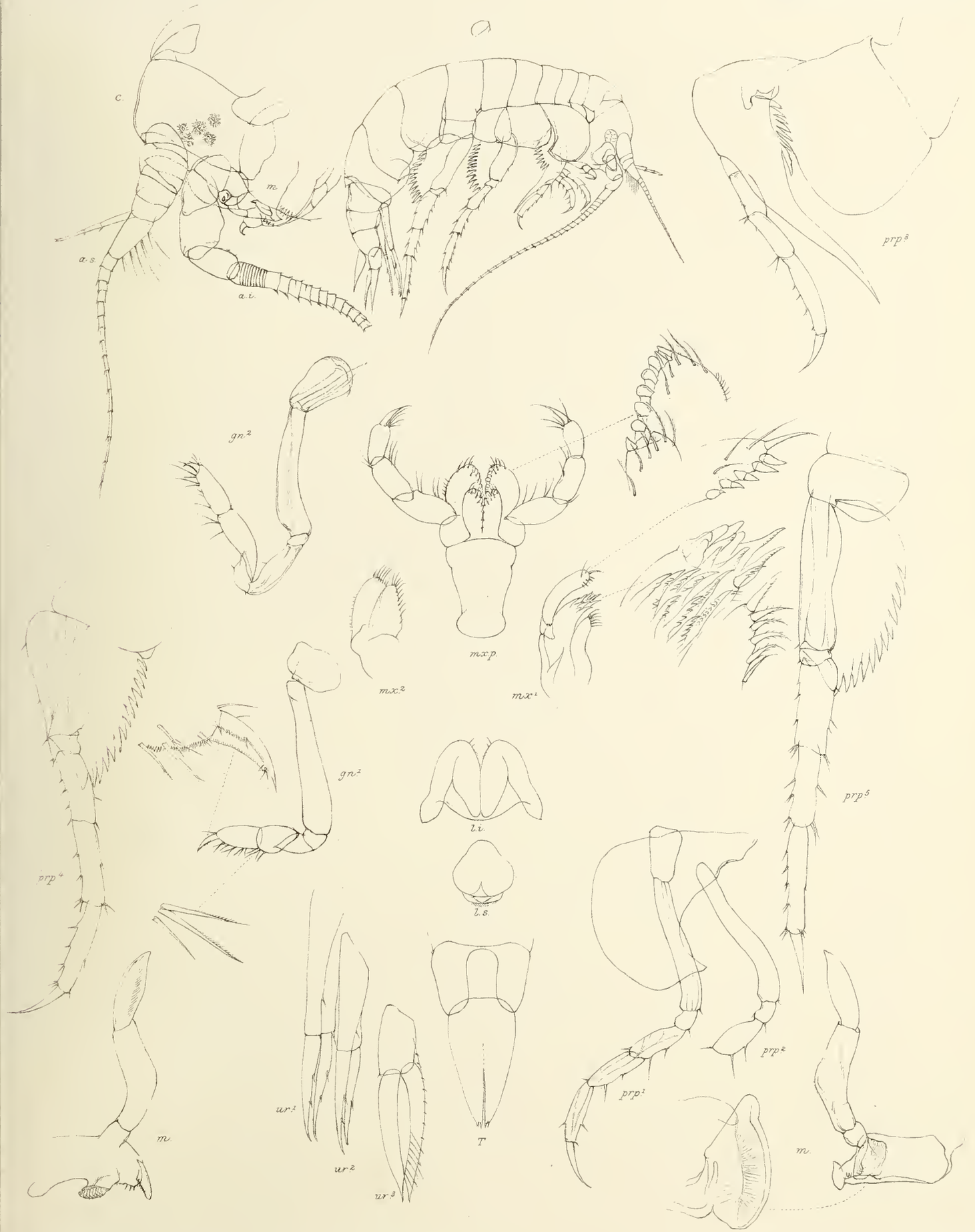
NATURAL HISTORY

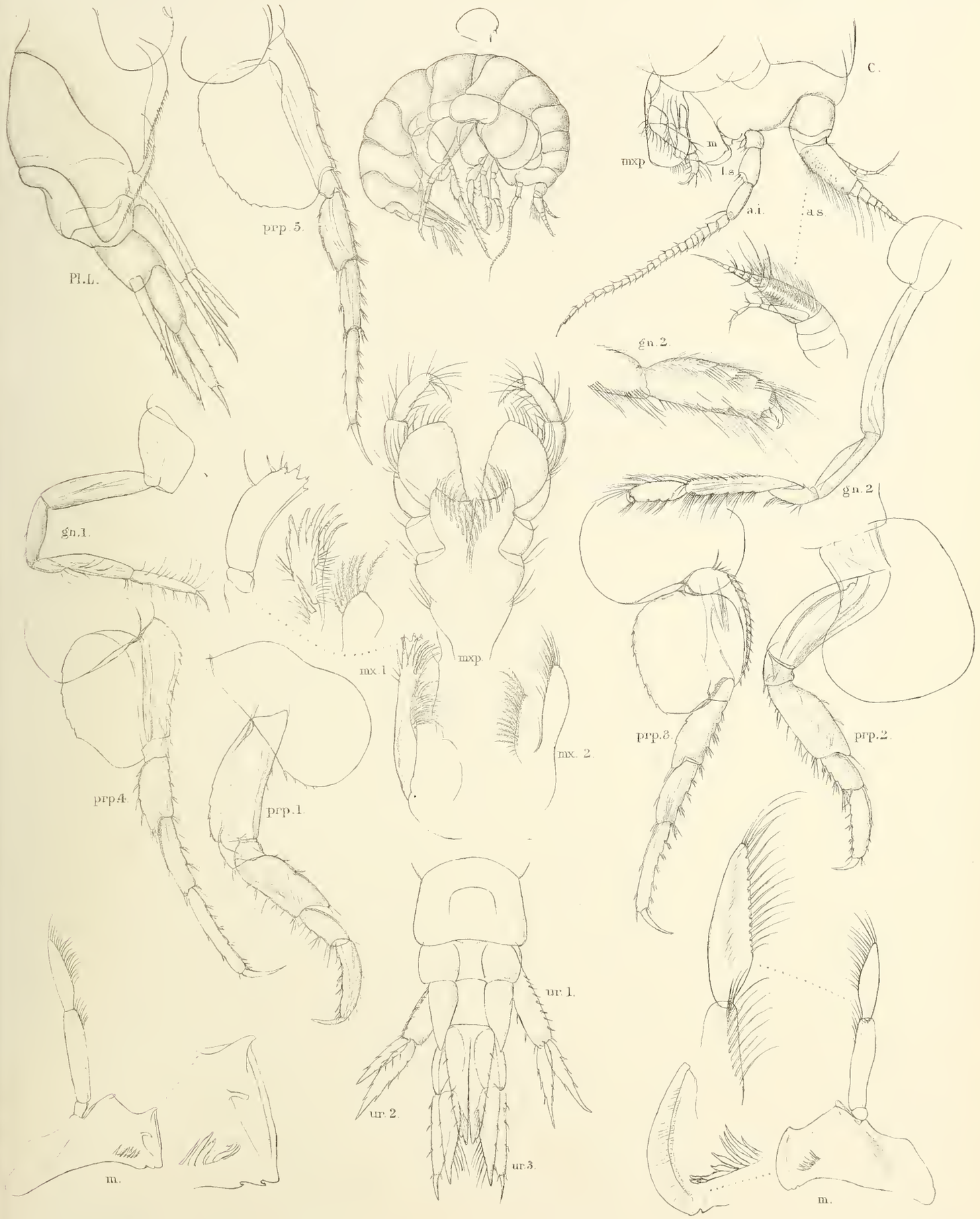


T.R.R. Stebbing del.

F. Huth, Lith.r Edin.r

CYPHOCARIS CHALLENGERI, n. sp.

BRITISH MUSEUM
NATURAL HISTORY.



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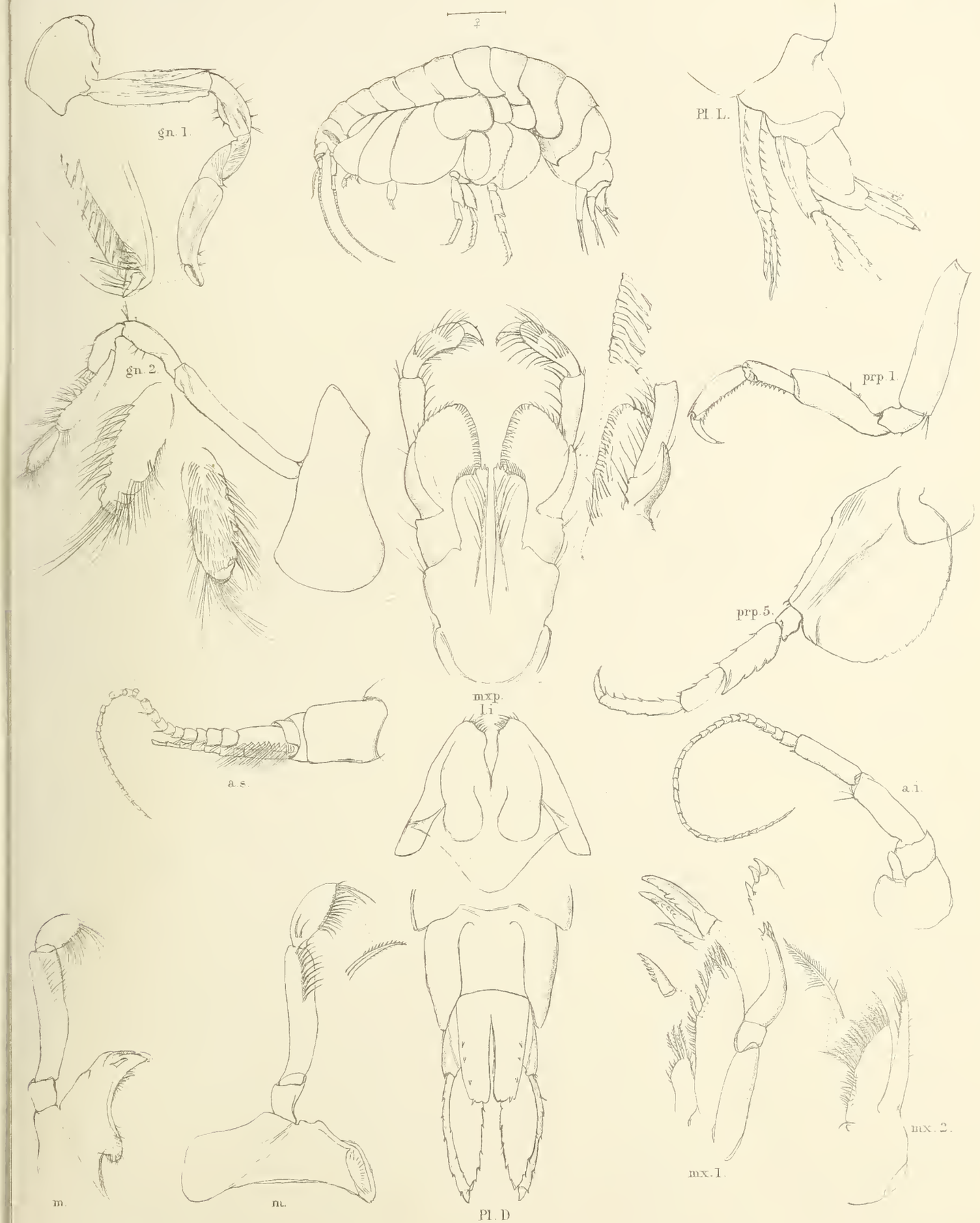
Nichols Bros imp.

CYCLOCARIS TAHITENSIS, n. g. et sp.

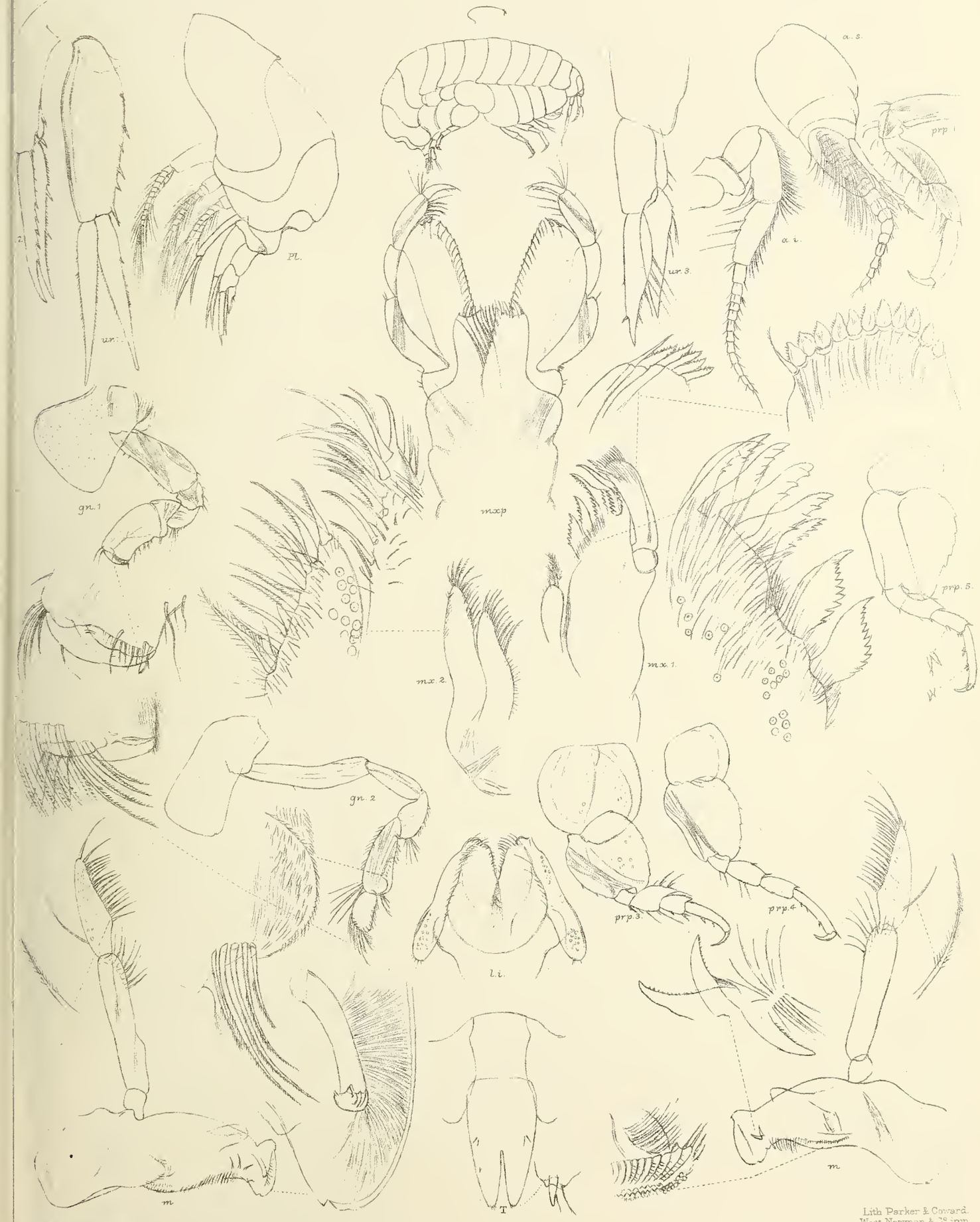
NATURAL HISTORY.



R. Stebbing del. F. H. Michael lith.

EUONYX NORMANI, n. sp.

BRITISH MUSEUM
NATURAL HISTORY.

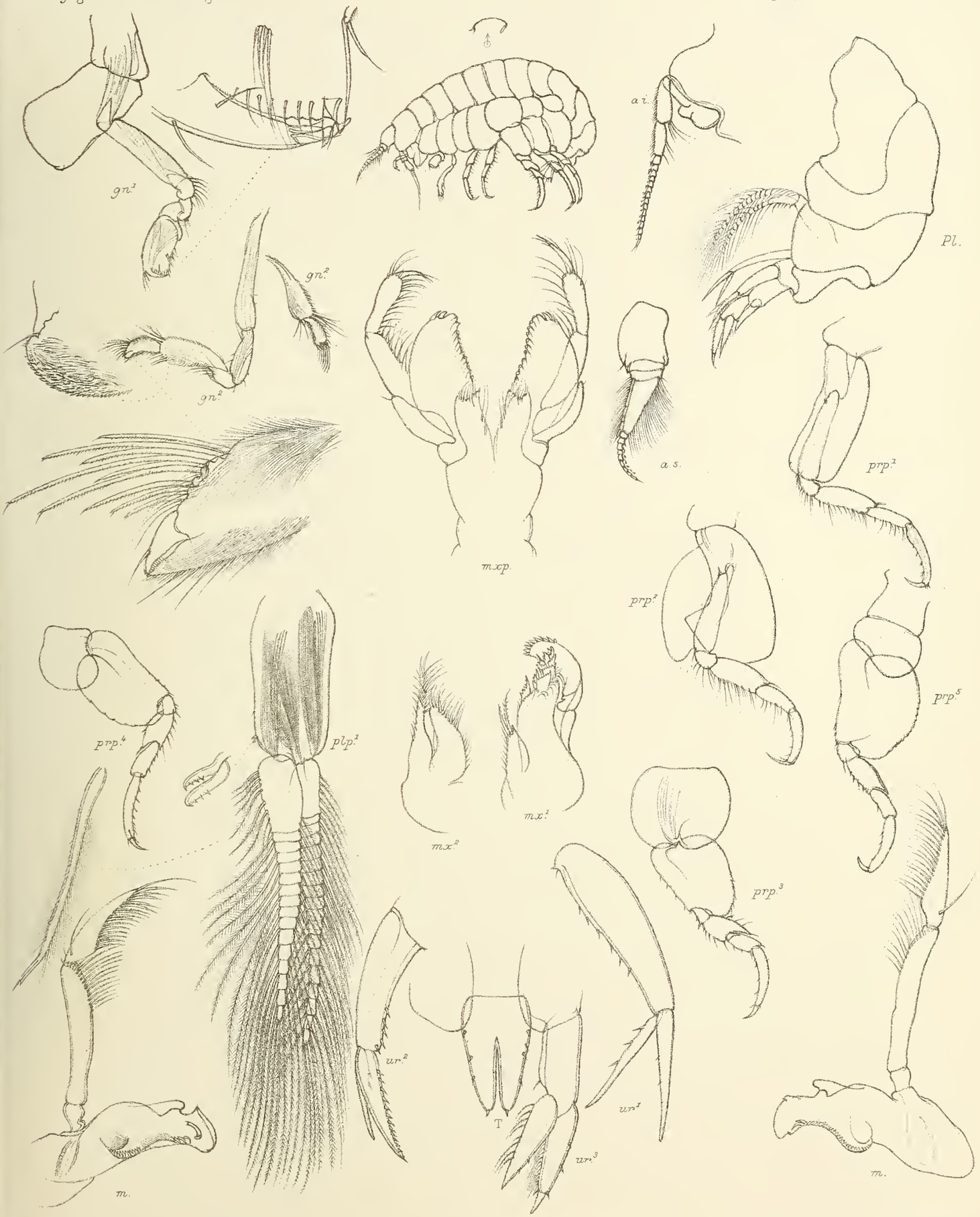


T.R.R. Stebbing del.

Lith Parker & Coward.
West, Newman & Co imp

ORCHOMENE MUSCULOSUS, n. sp.

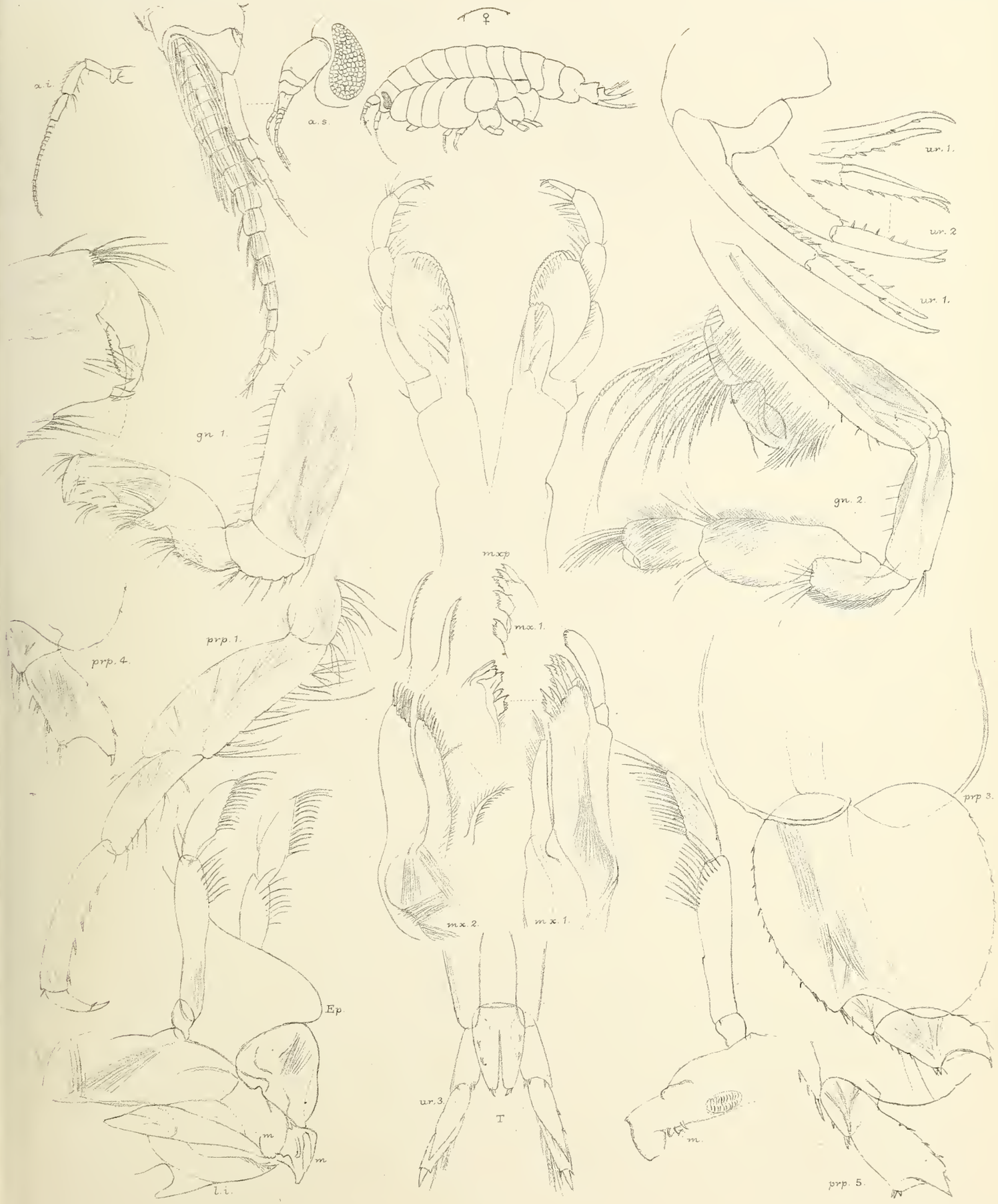
BRITISH MUSEUM
NATURAL HISTORY



T.R.R. Stebbing, del. Reid & Cowie, lith.

ORCHOMENE ABYSSORUM, n. sp.

BRITISH MUSEUM
NATURAL HISTORY.

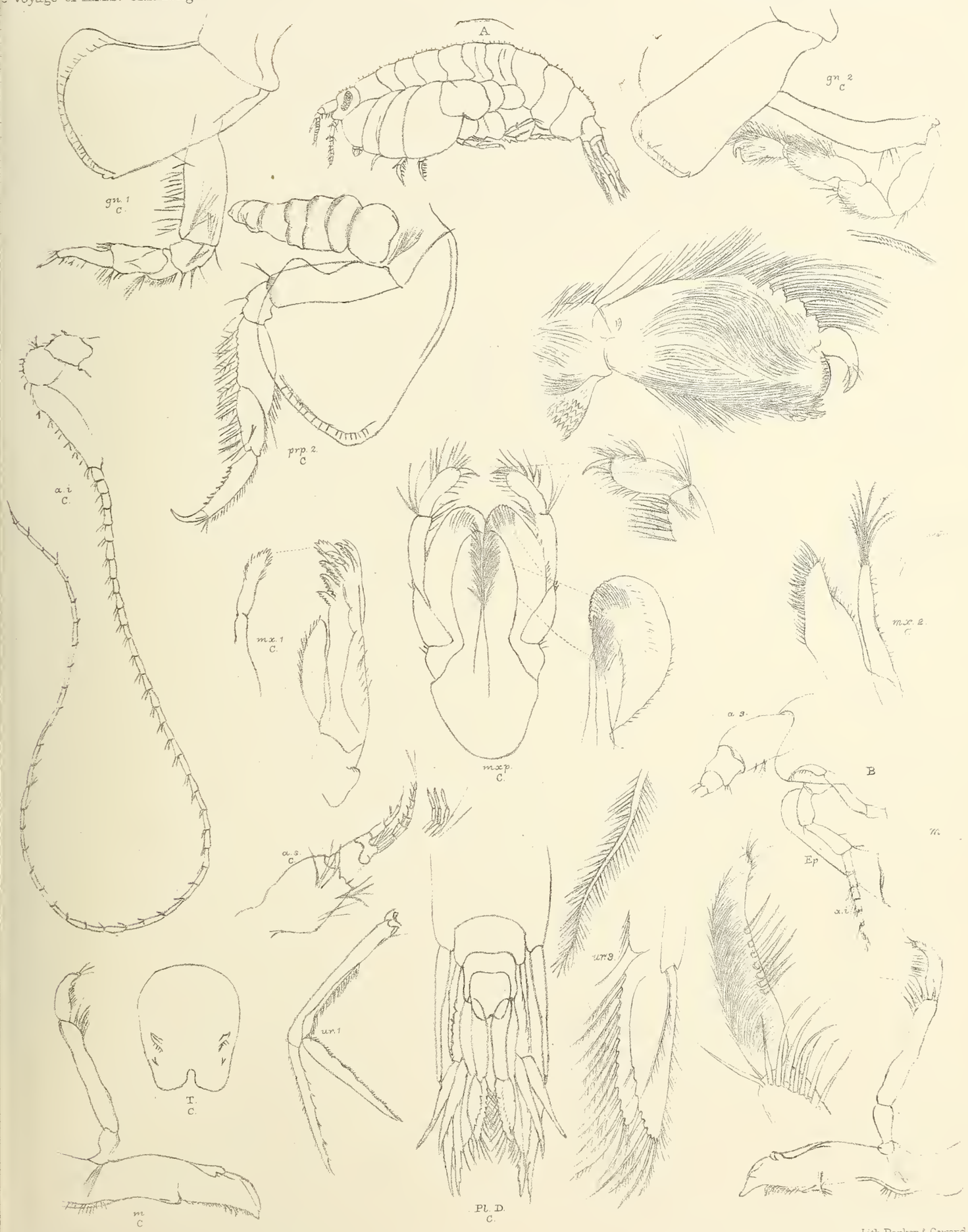


T.R.R. Stebbing del.

Lith. Parker & Coward
West, Newman C° imp

ORCHOMENE CAVIMANUS, n. sp.

BRITISH MUSEUM
NATURAL HISTORY

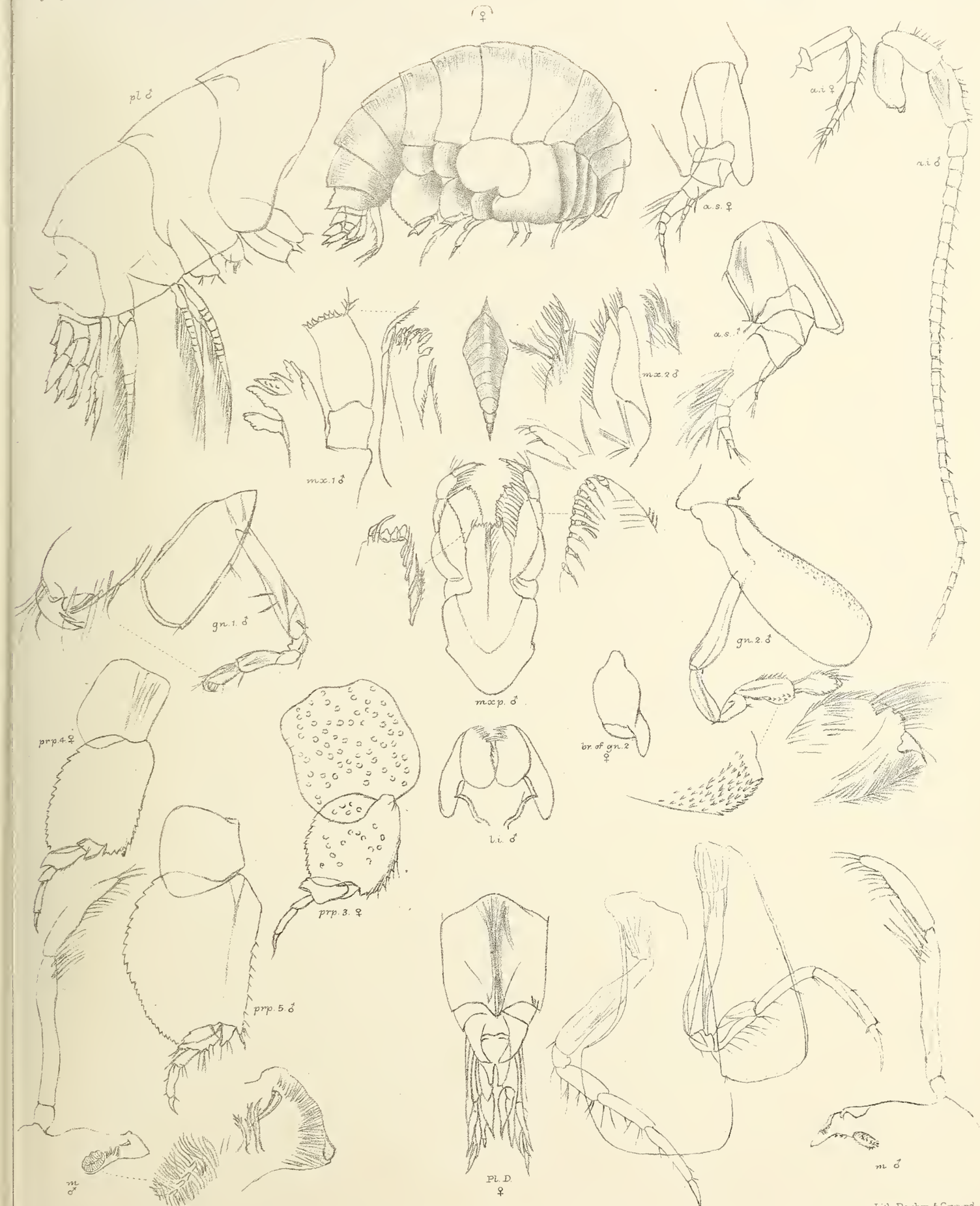


T.R.R. Stebbing del.

Lith. Parker & Coward
West, Newman & Co imp.

LYSIANAX VARIEGATUS, Stimpson

BRITISH MUSEUM
NATURAL HISTORY



R.R. Stebbing del.

Lith. Parker & Coward
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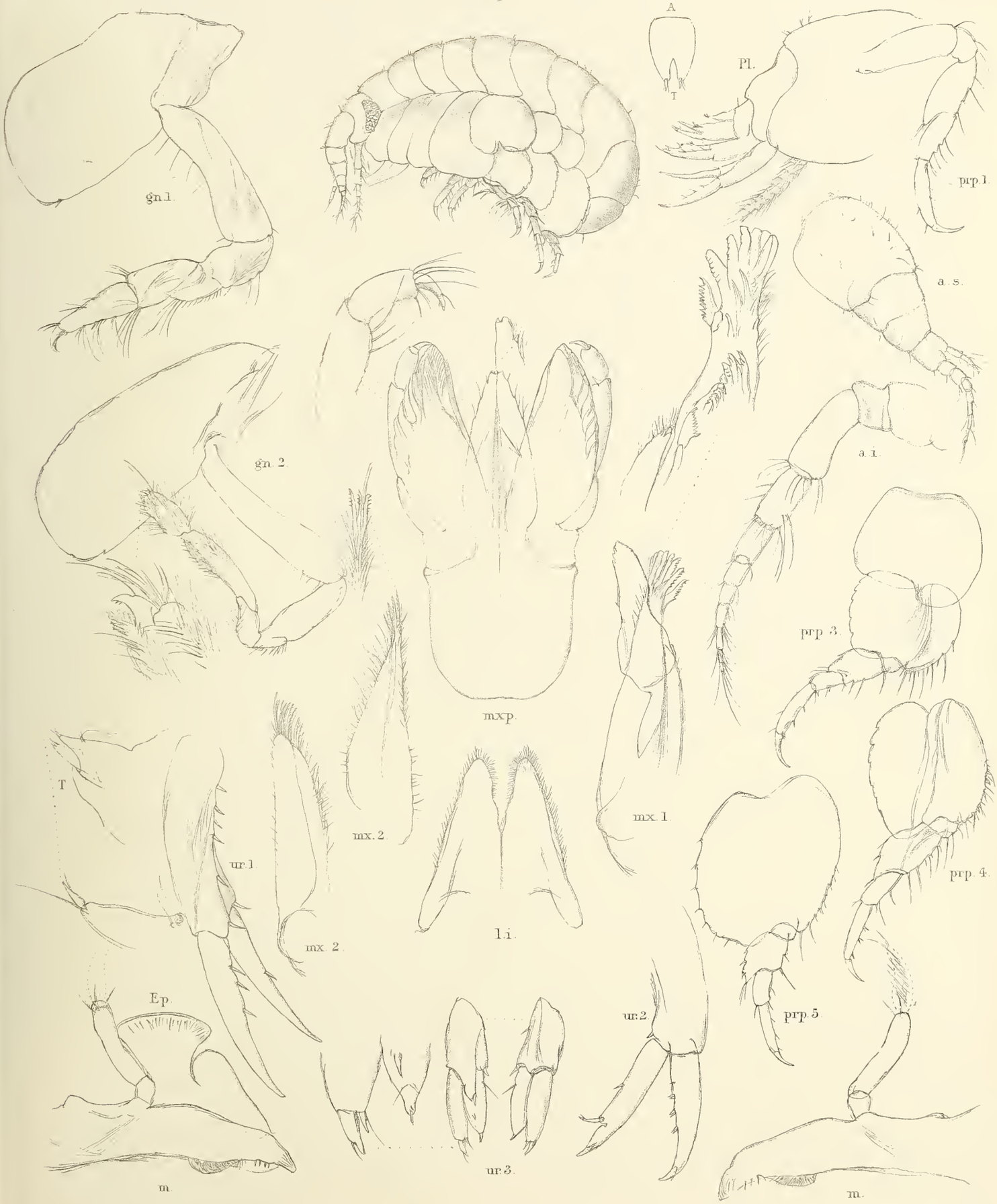
LEPIDEPECREUM FORAMINIFERUM, n. sp.

BRITISH MUSEUM
NATURAL HISTORY

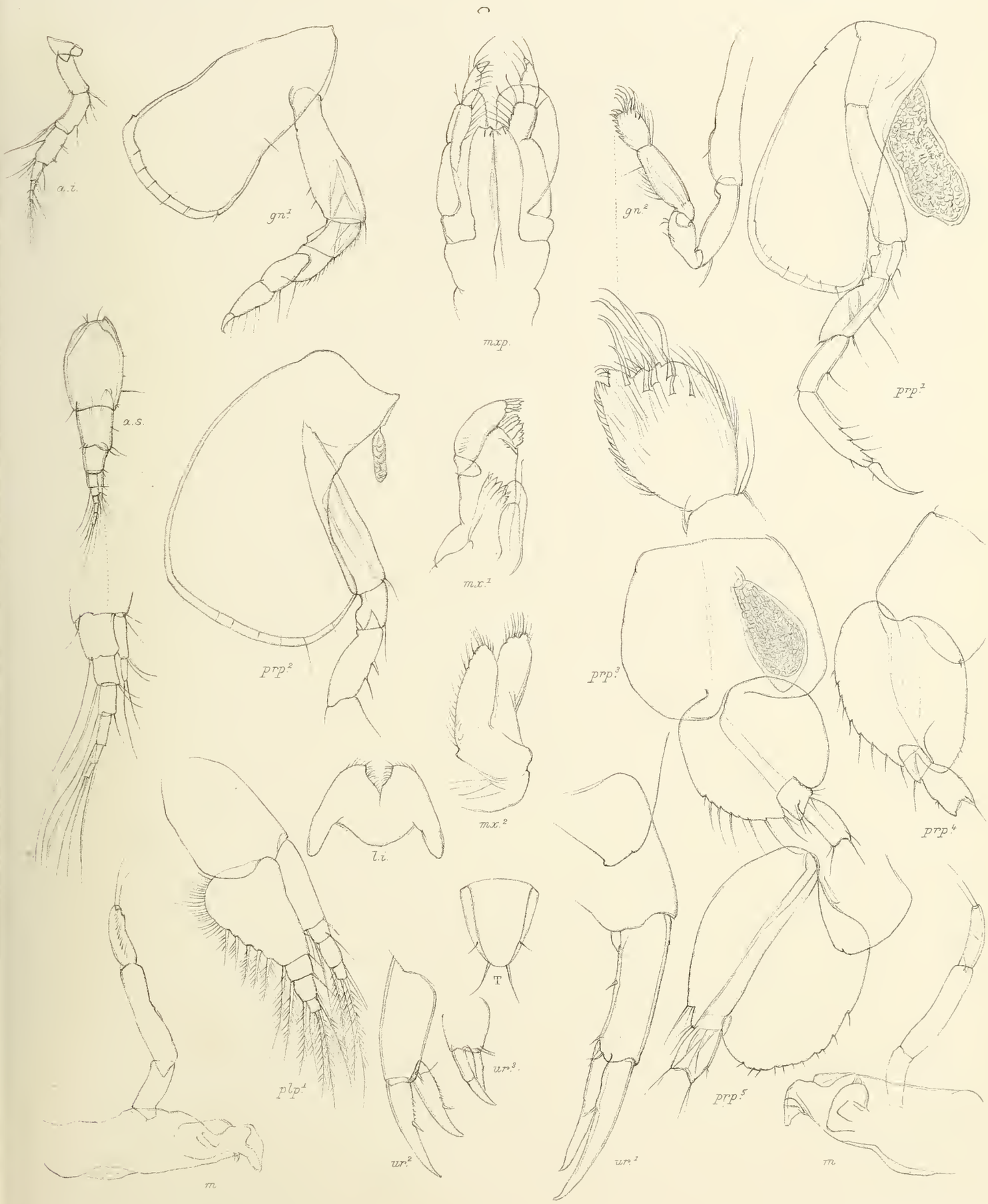


I R.R. Stebbing del. F.H. Michael lith.

Mintern Bros. imp.

SOCARNOIDES KERGUELENI, n. g. et sp.

NATURAL HISTORY



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M.cFarlane & Erskine, Lith.rs Edinr.

AMBASIA INTEGRICAUDA, n. sp.

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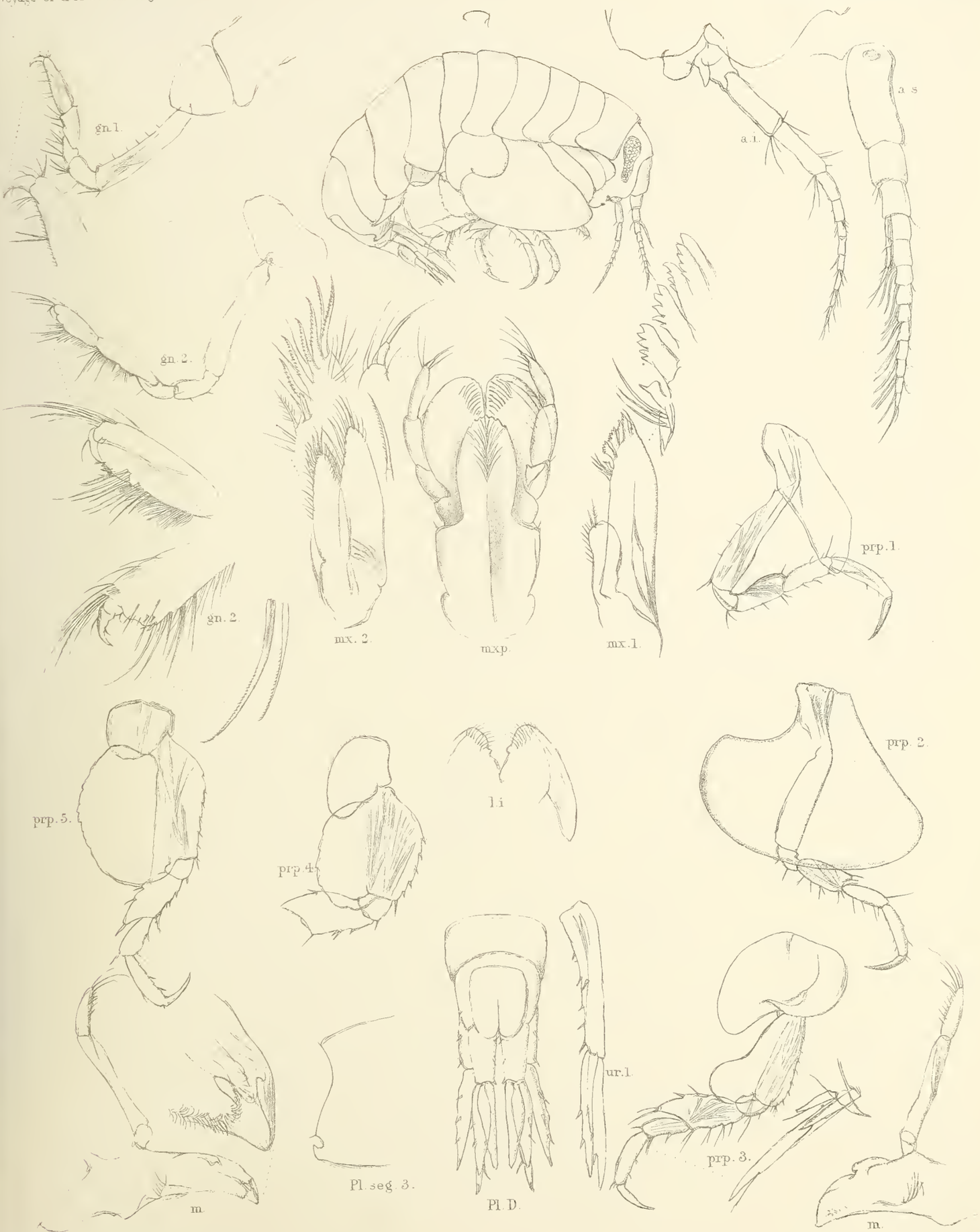
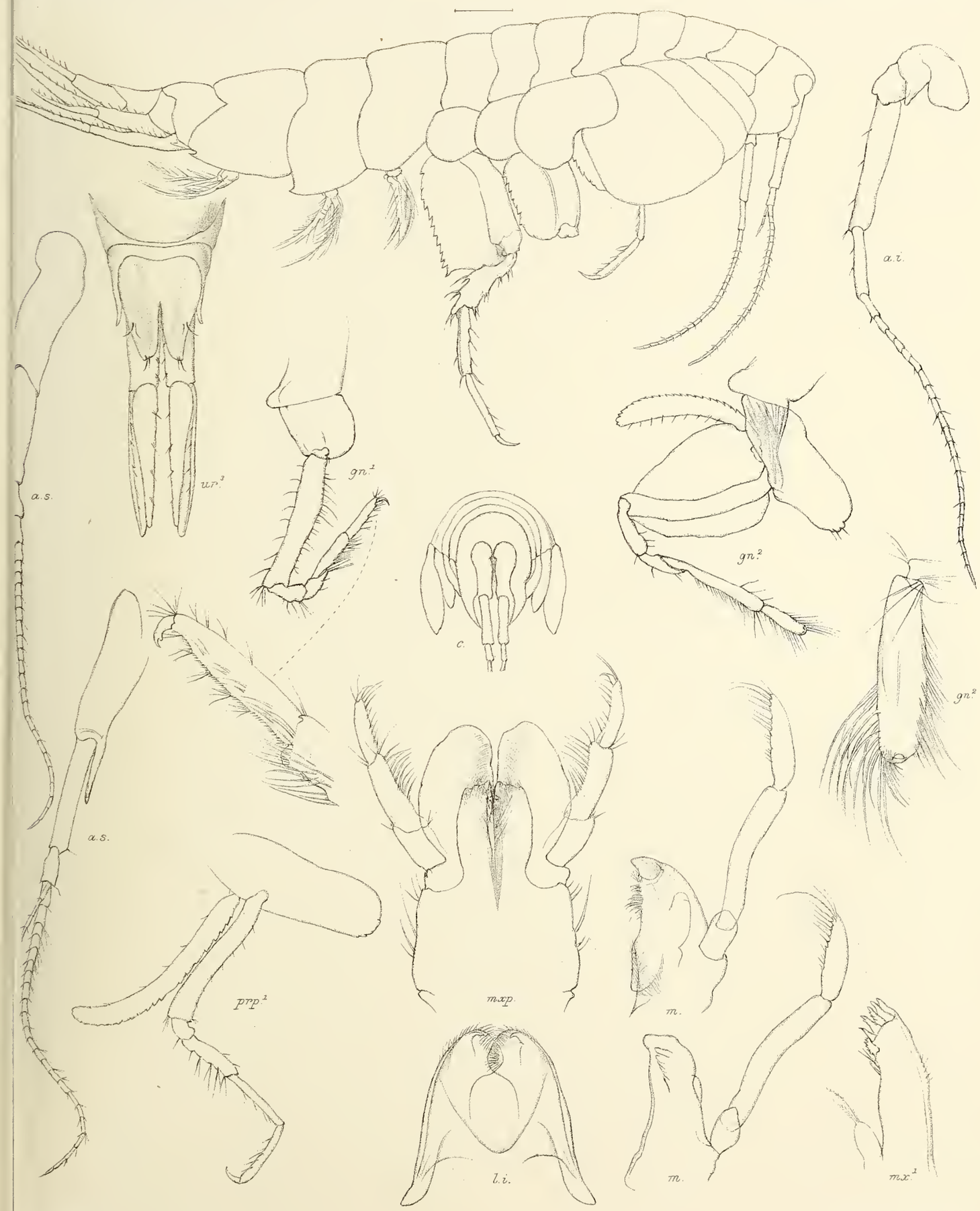
NATURAL HISTORY



T. H. R. Stebbing del. F. H. Michael lith.

AMARYLLIS BATHYCEPHALUS, n. sp.

NATURAL HISTORY



T.R.R. Stebbing, del

McFarlane & Erskine, Lith.ᵉˢ Edin.ʳ

AMARYLLIS HASWELLI, n. sp.

NATURAL HISTORY

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McFarlane & Erskine, Lith.rs, Edinr.

AMARYLLIS MACROPHTHALMUS, Haswell.

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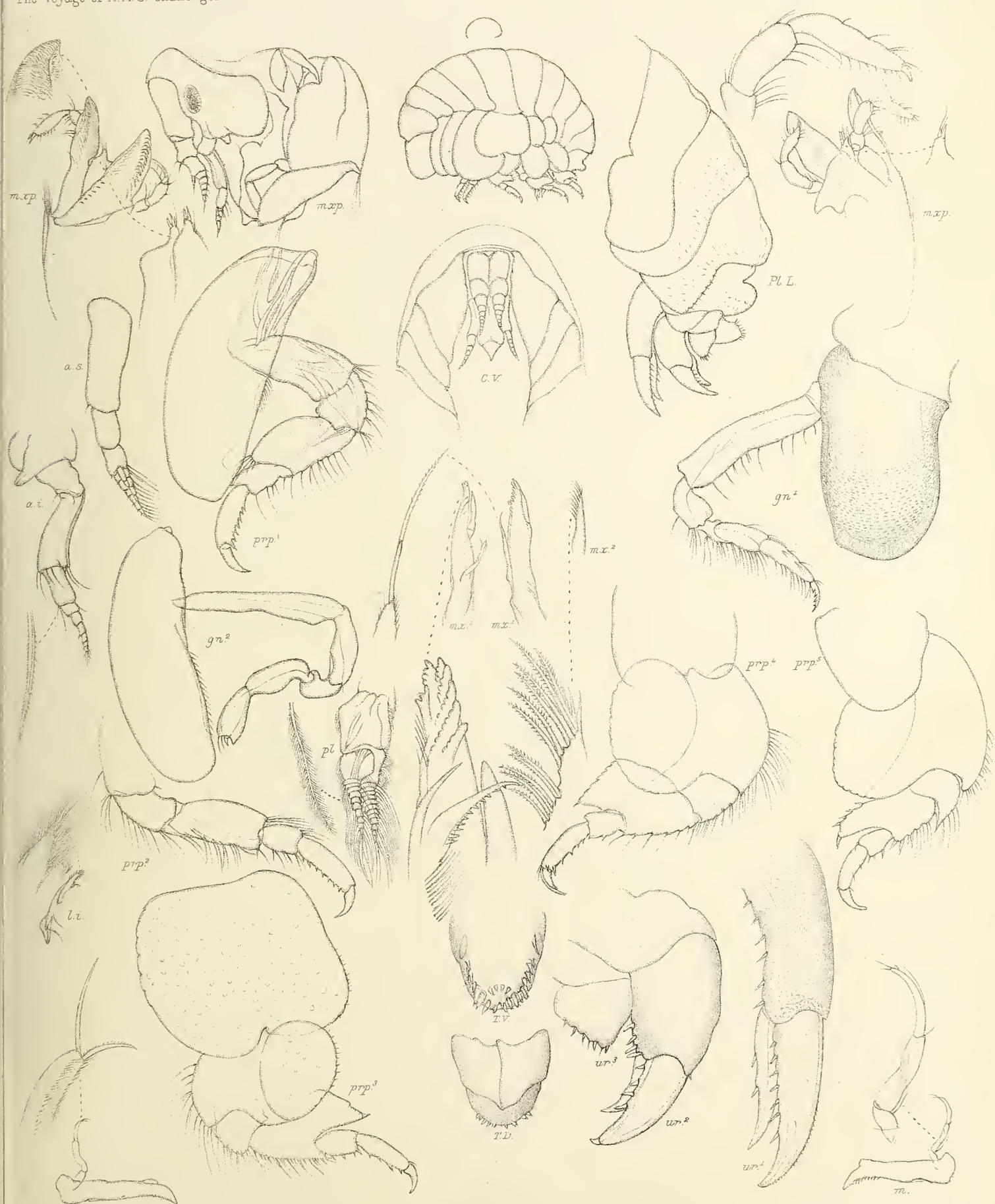
NATURAL-HISTORY



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ACONTIOSTOMA MARIONIS, n.g. et sp.

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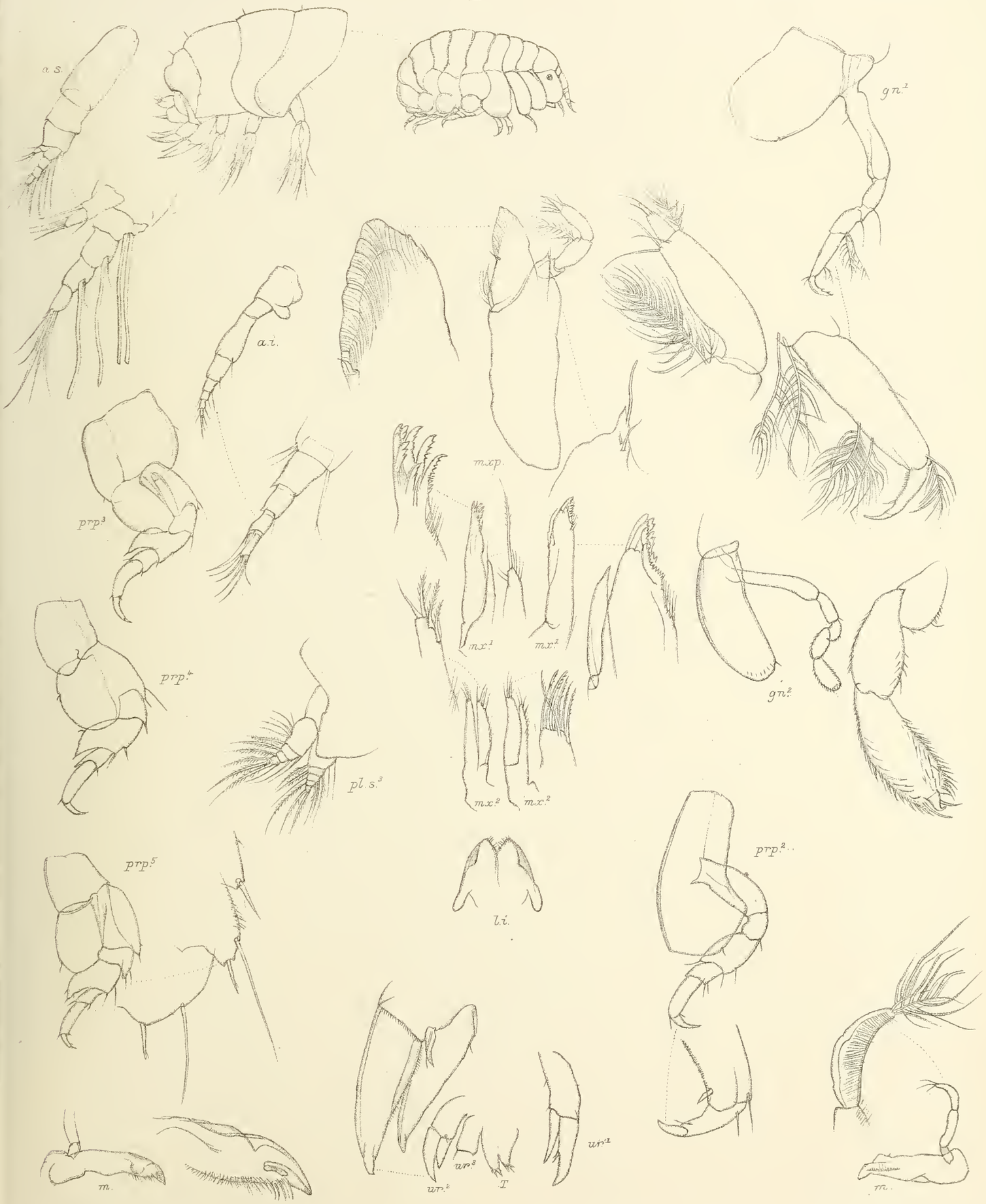
NATURAL HISTORY.



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ACONTIOSTOMA MAGELLANICUM, n. sp.

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ACONTIOSTOMA PEPINII, n. sp.

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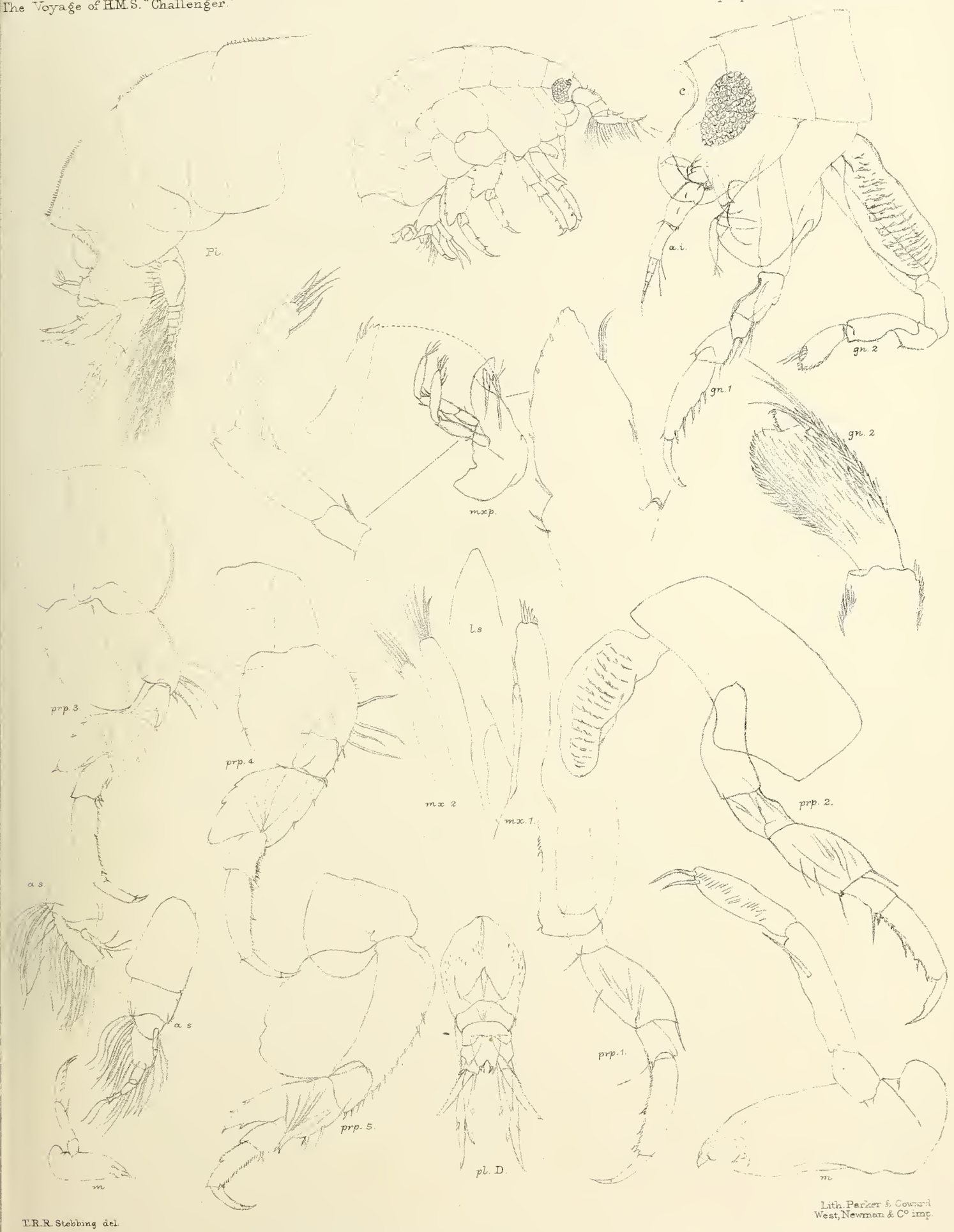

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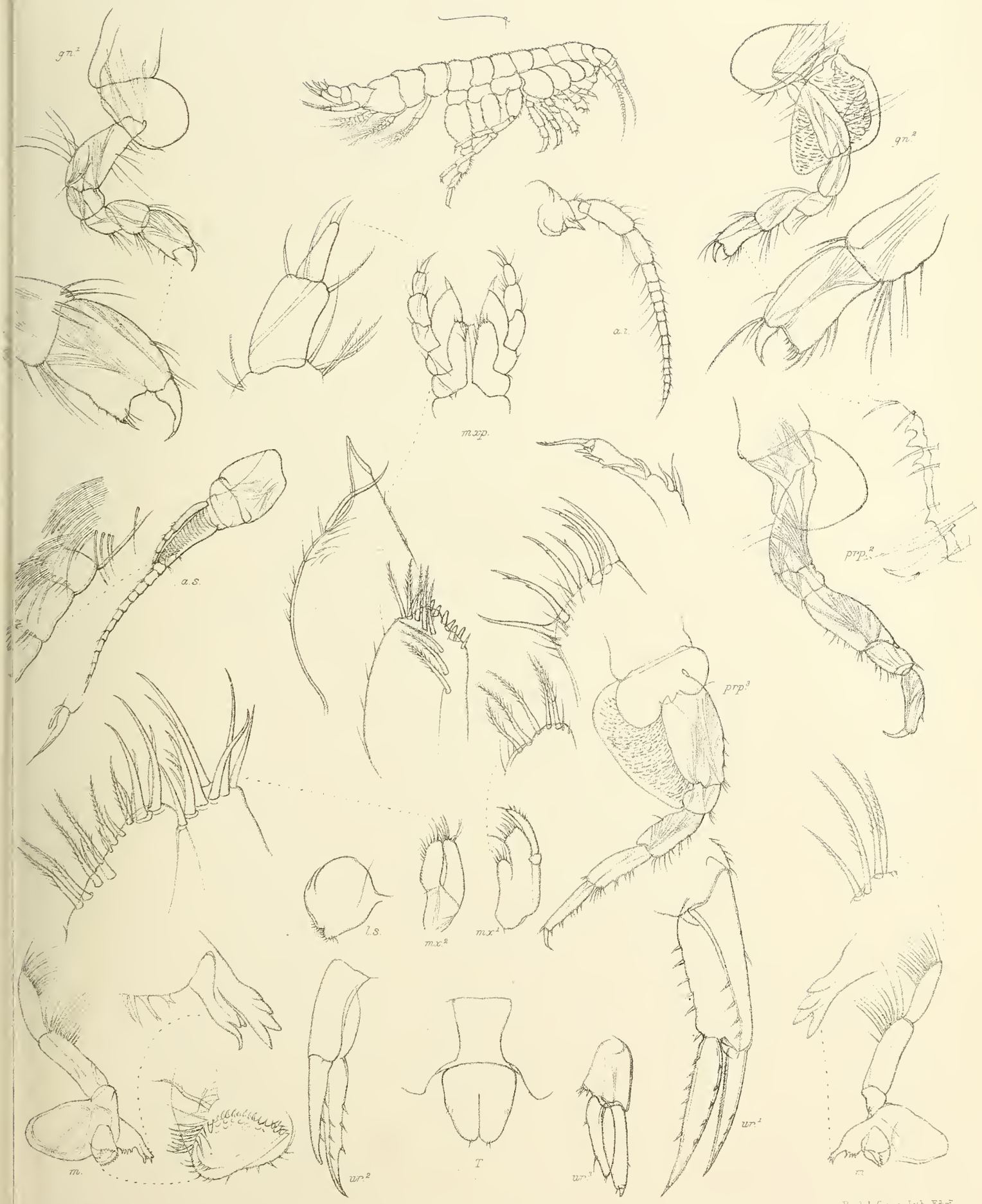
ACONTIOSTOMA KERGUELENI, n. sp.

NATURAL HISTORY



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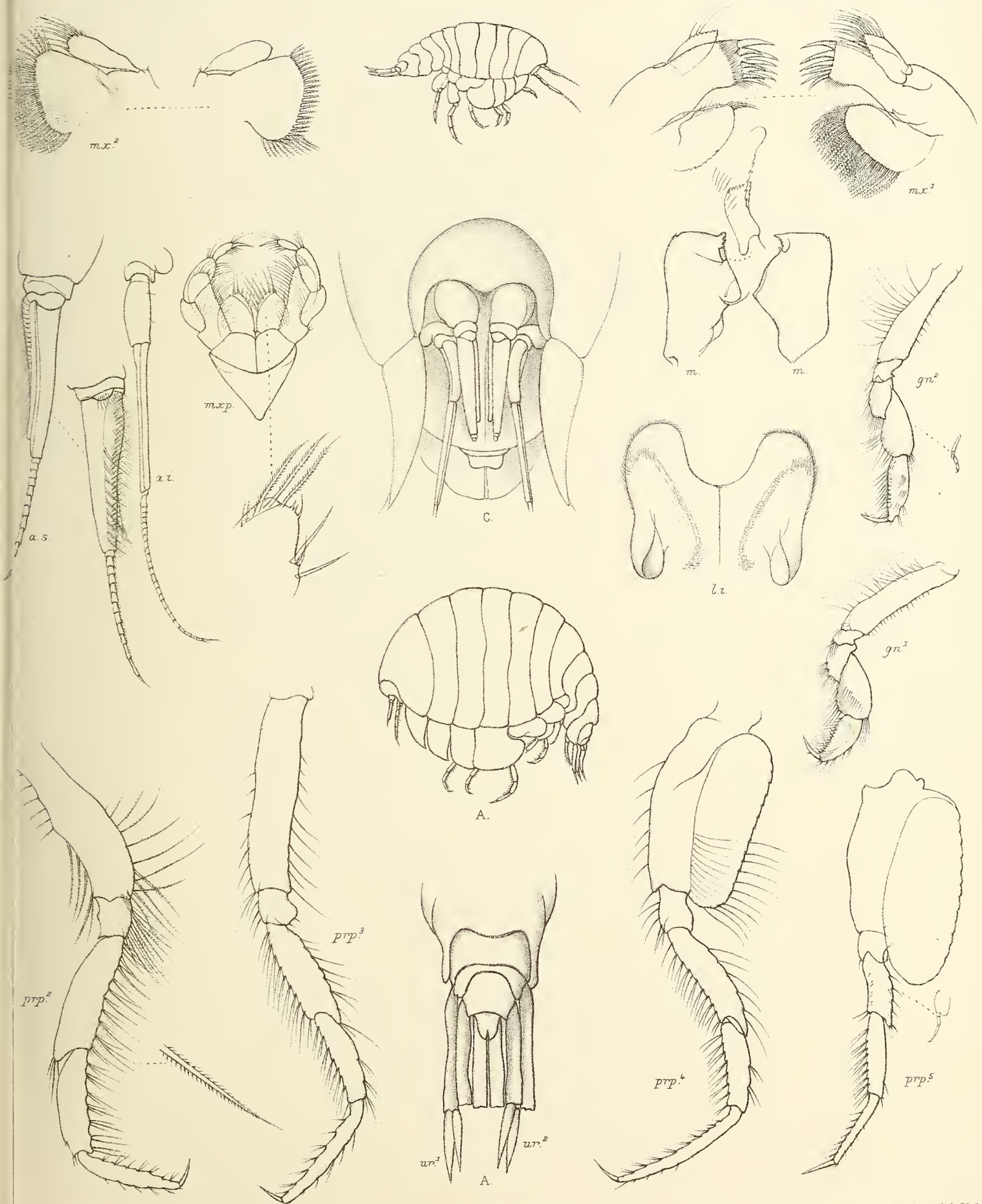
Reid & Cowie Lith. Edin.ʳ

VALETTIA COHERES, n.g. et sp.

NATURAL HISTORY.



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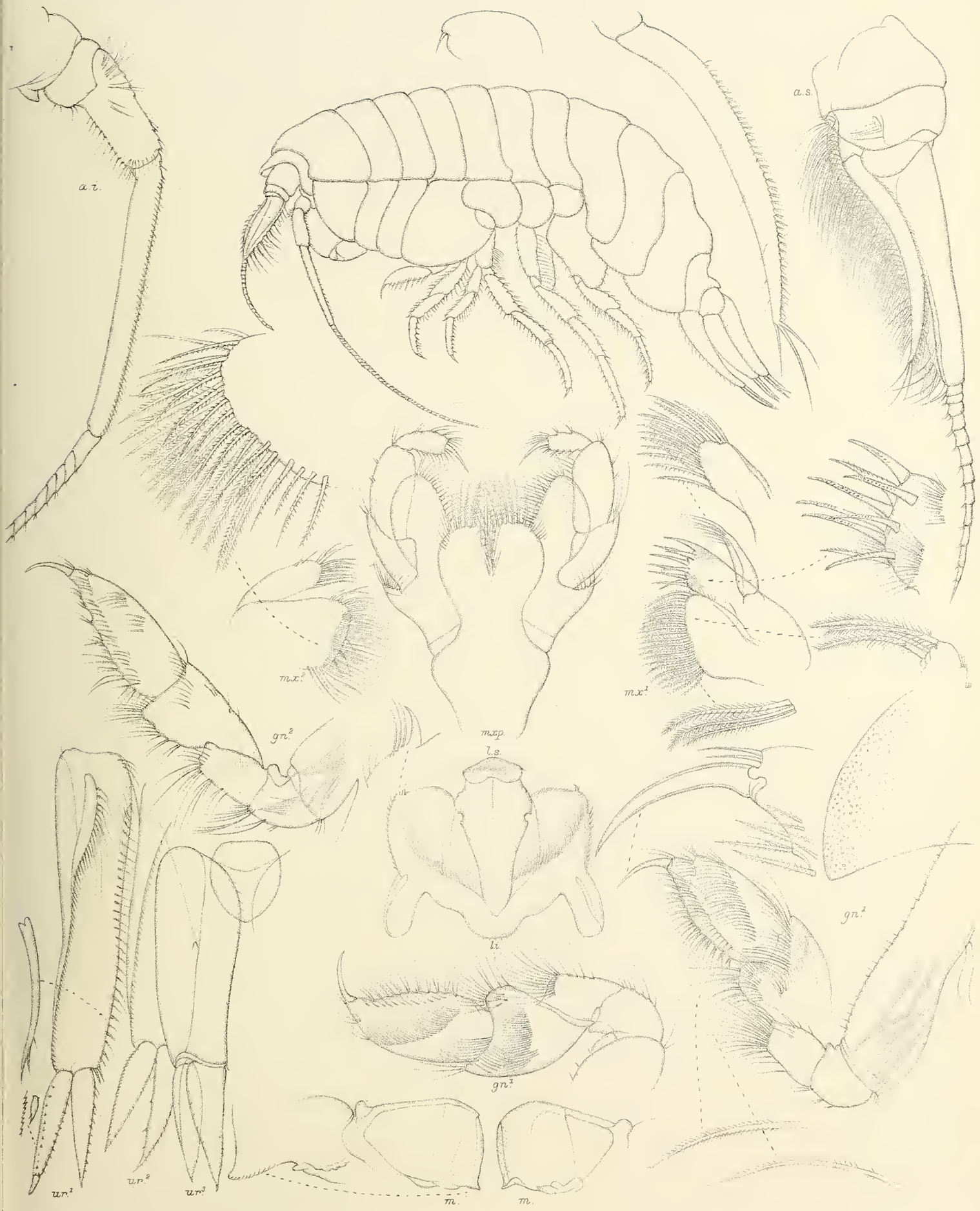
Reid & Cowie, lith. Edin.ʳ

ANDANIA GIGANTEA, n. sp.

NATURAL HISTORY



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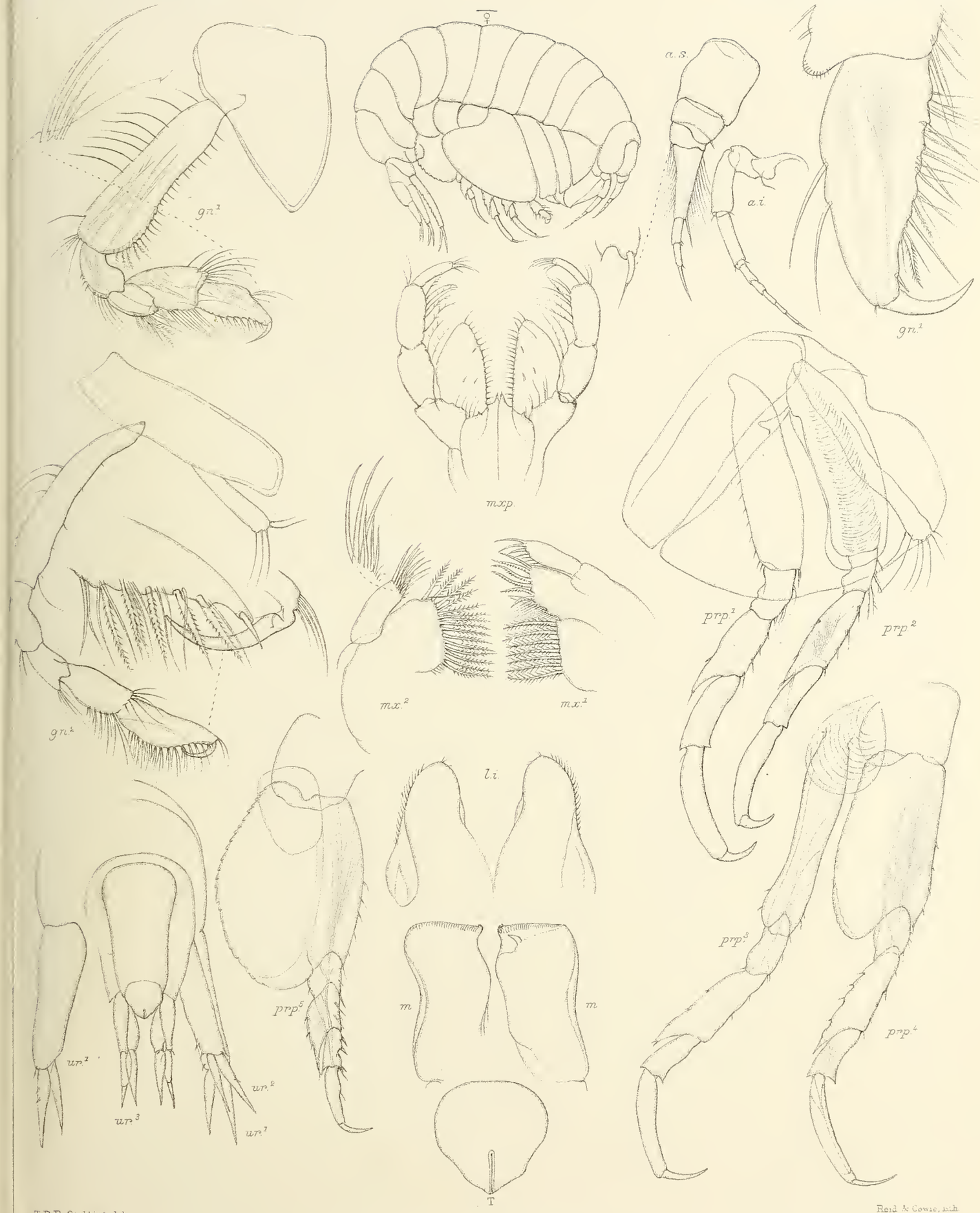
Reid & Cowie. Lith Edin.

ANDANIA BOECKI, n.sp.

BRITISH MUSEUM
NATURAL HISTORY.

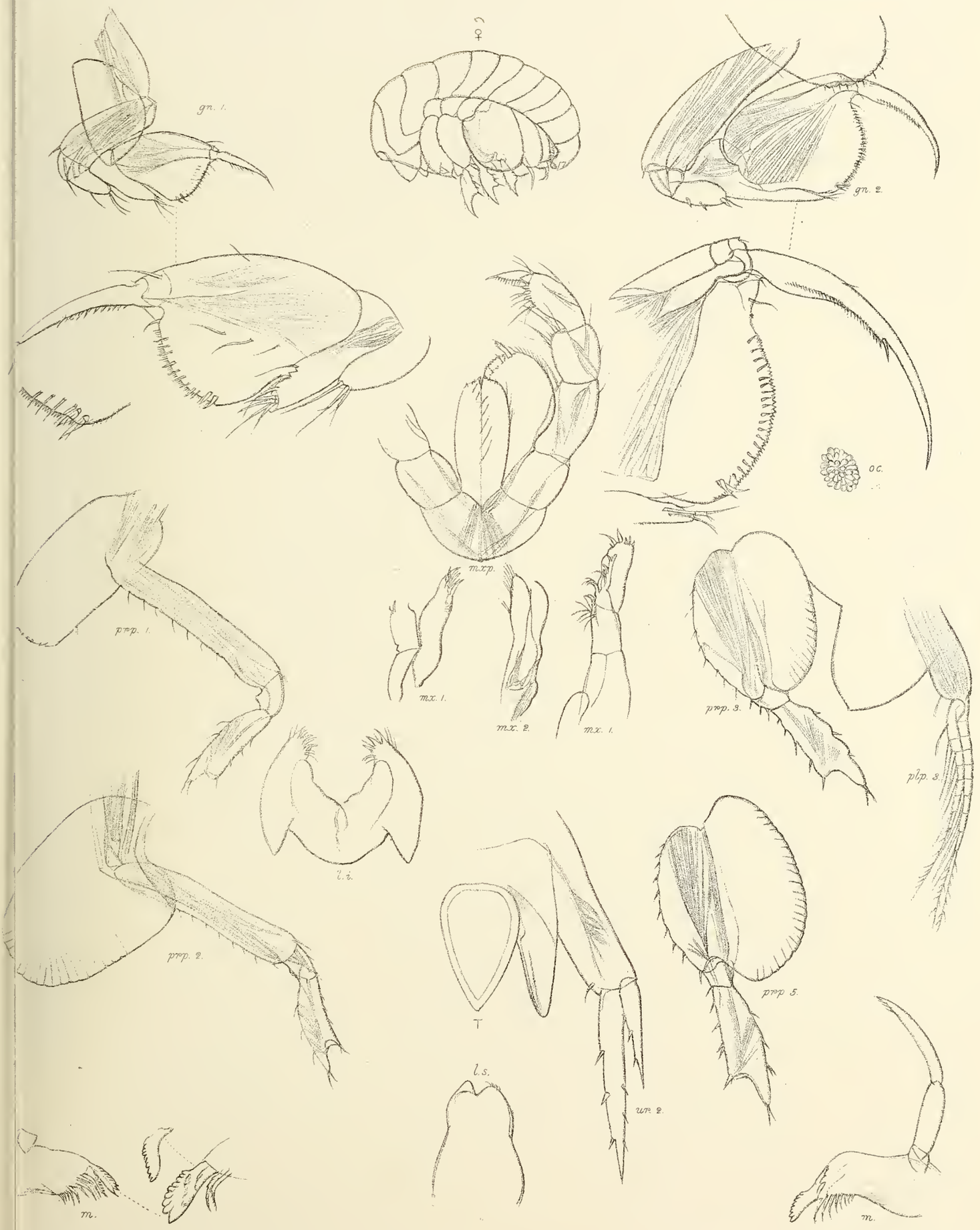


T. R. R. Stebbing, del.

Reid & Cowie, Lith.

ANDANIA ABYSSORUM, n. sp.

NATURAL HISTORY



T. R. Stebbing, del.

AMPHILOCHUS MARIONIS, n. sp.

McFarlane & Erskine, Lith^rs Edin^r

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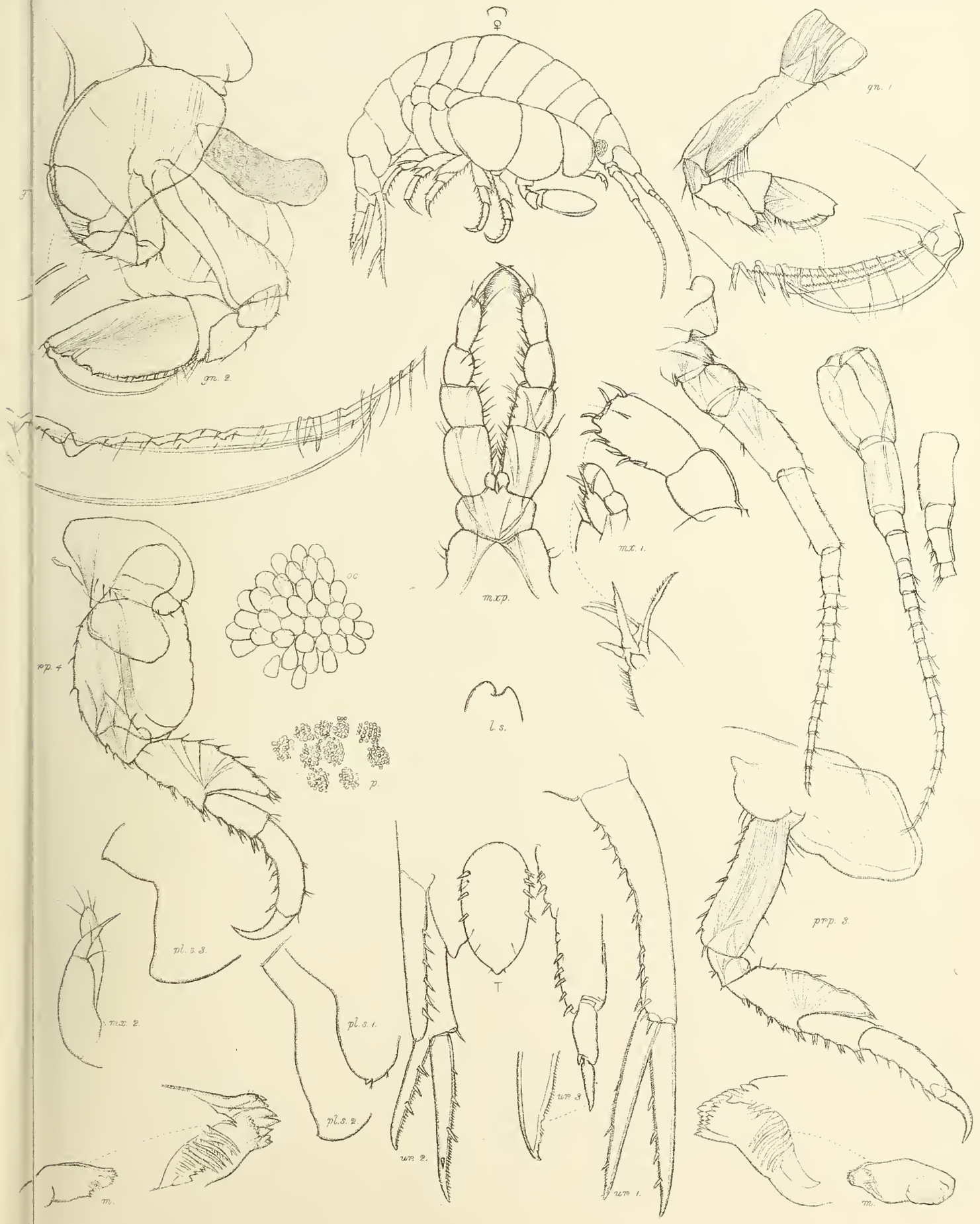
NATURAL HISTORY.



T. R. Stebbing, del.

STENOTHOË ADHÆRENS, n. sp.

Mc Farlane & Erskine, Lith.rs Edinr

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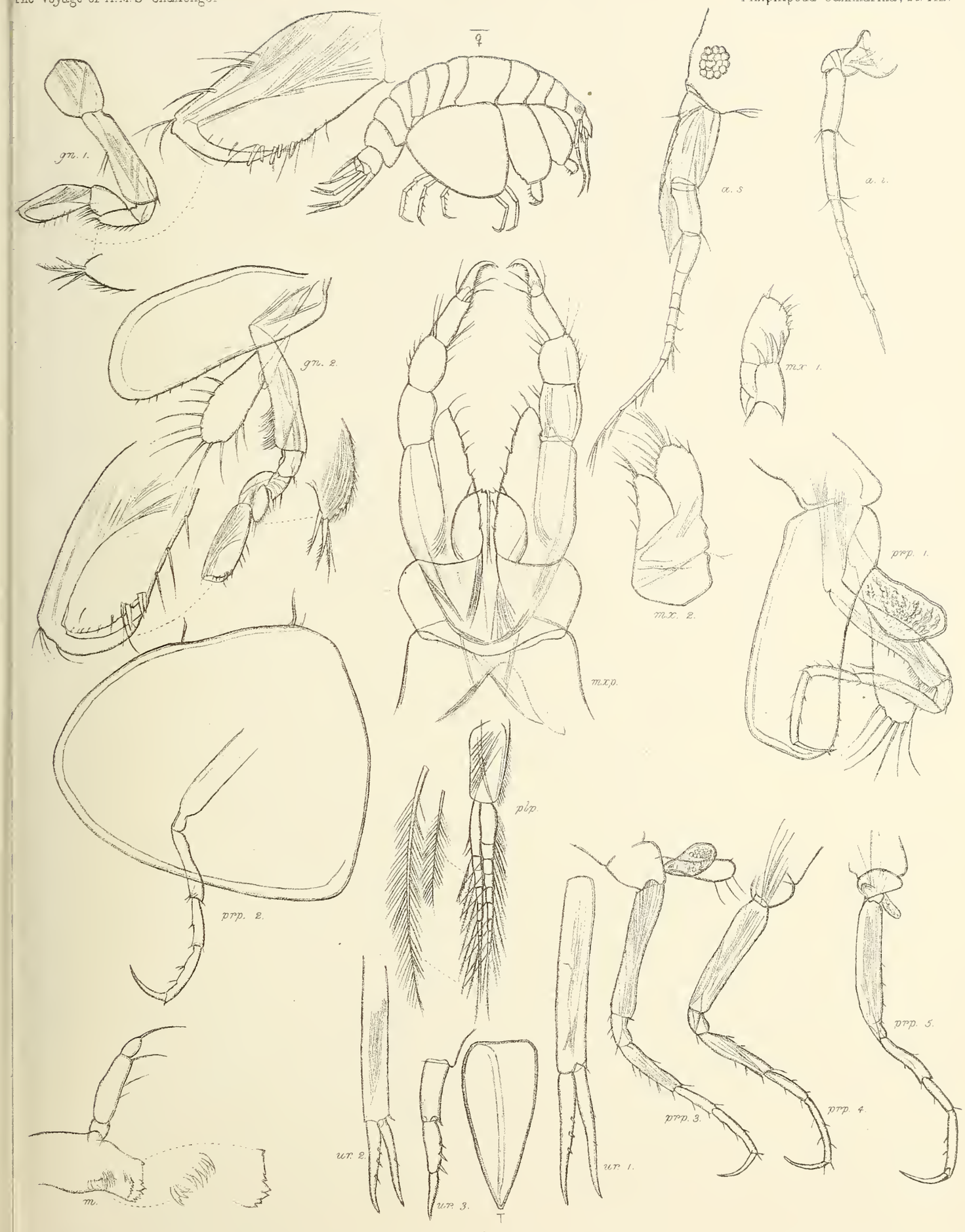

T.R.R. Stebbing, del.

METOPA NASUTIGENES, n. sp.

M^cFarlane & Erskine, Lith^rs Edin^r

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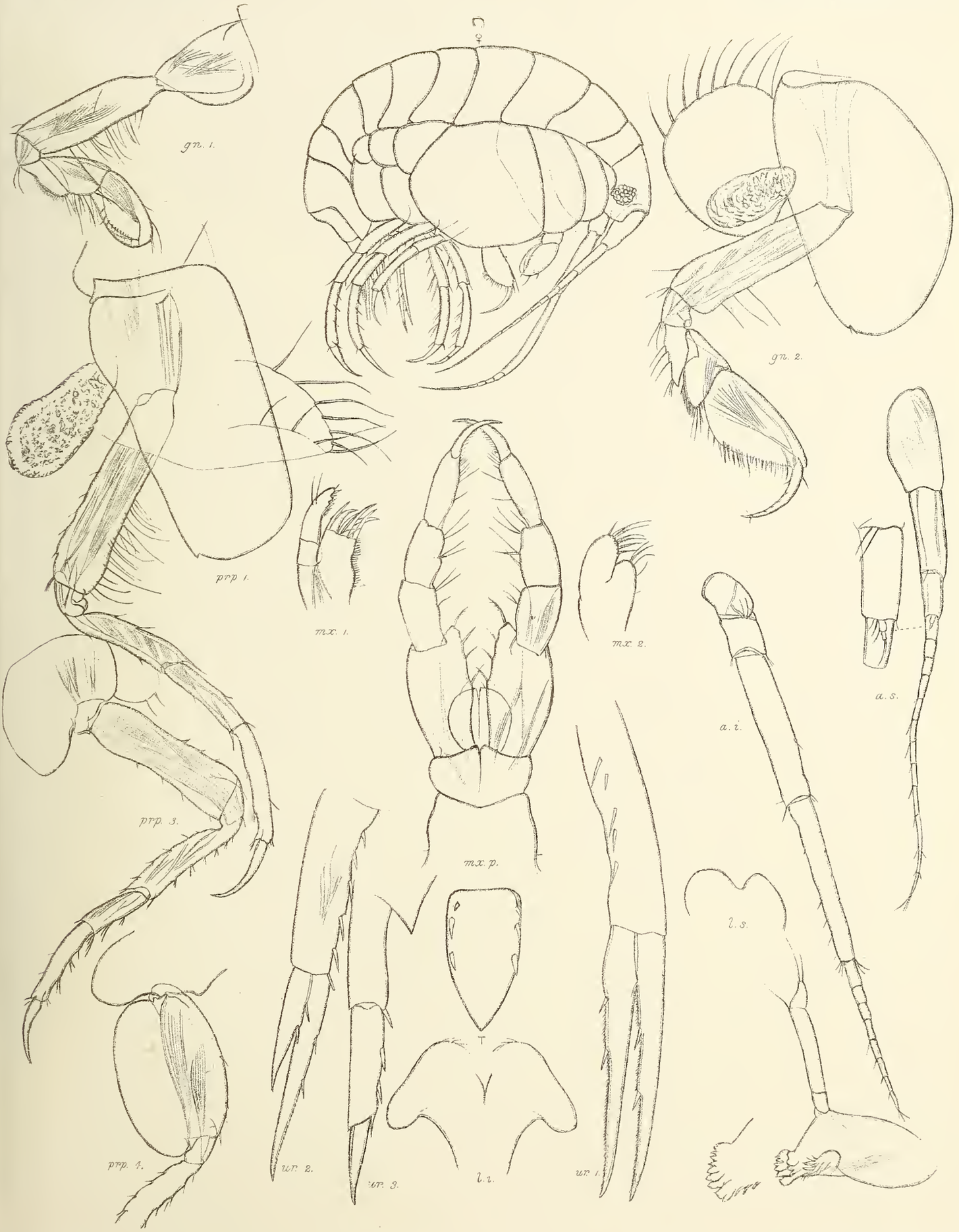
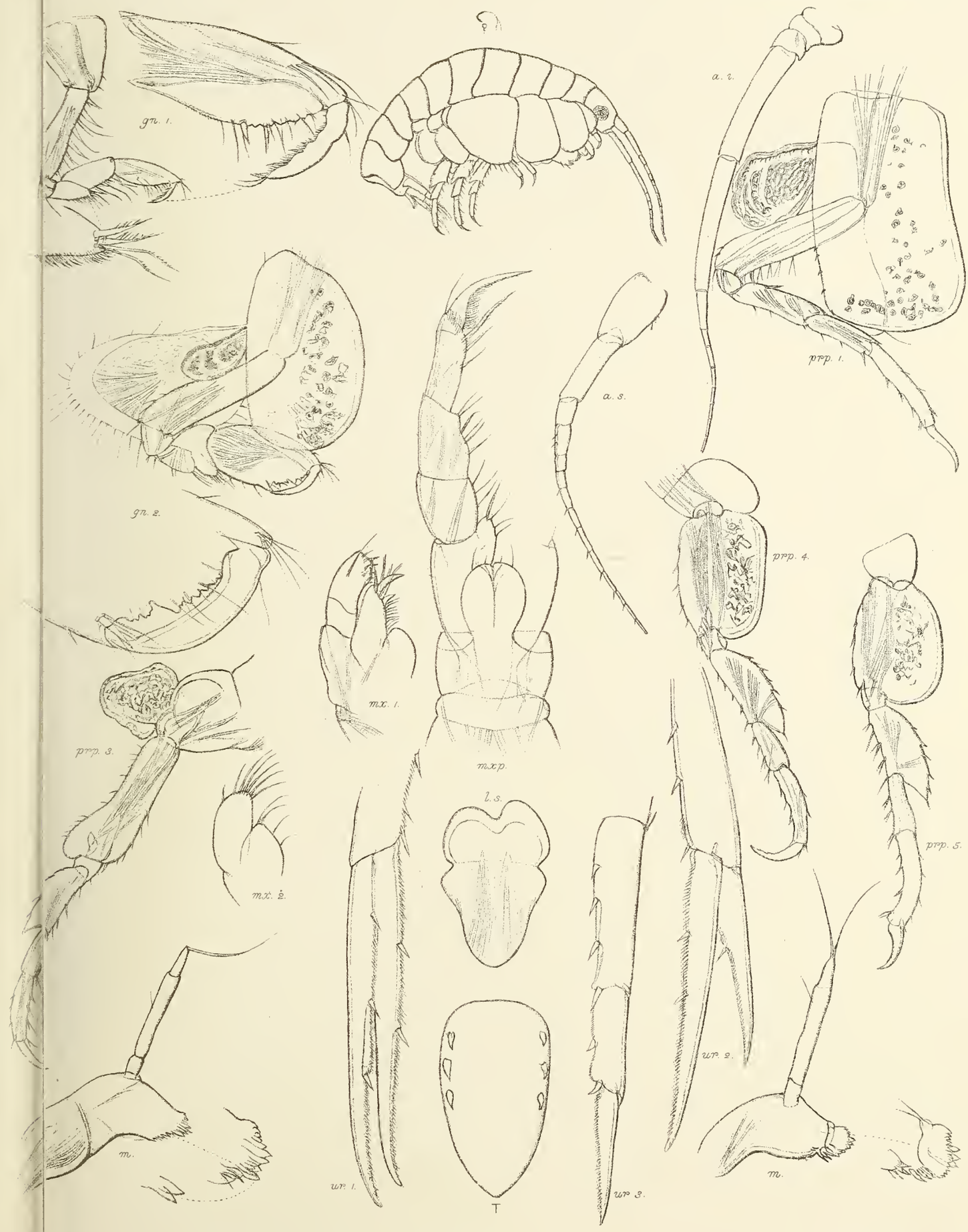


T. R. R. Scobbing, del.

METOPA MAGELLANICA, n. sp.

M^c Farlane & Erskine. Lith^rs Edin^r

BRITISH MUSEUM
NATURAL HISTORY

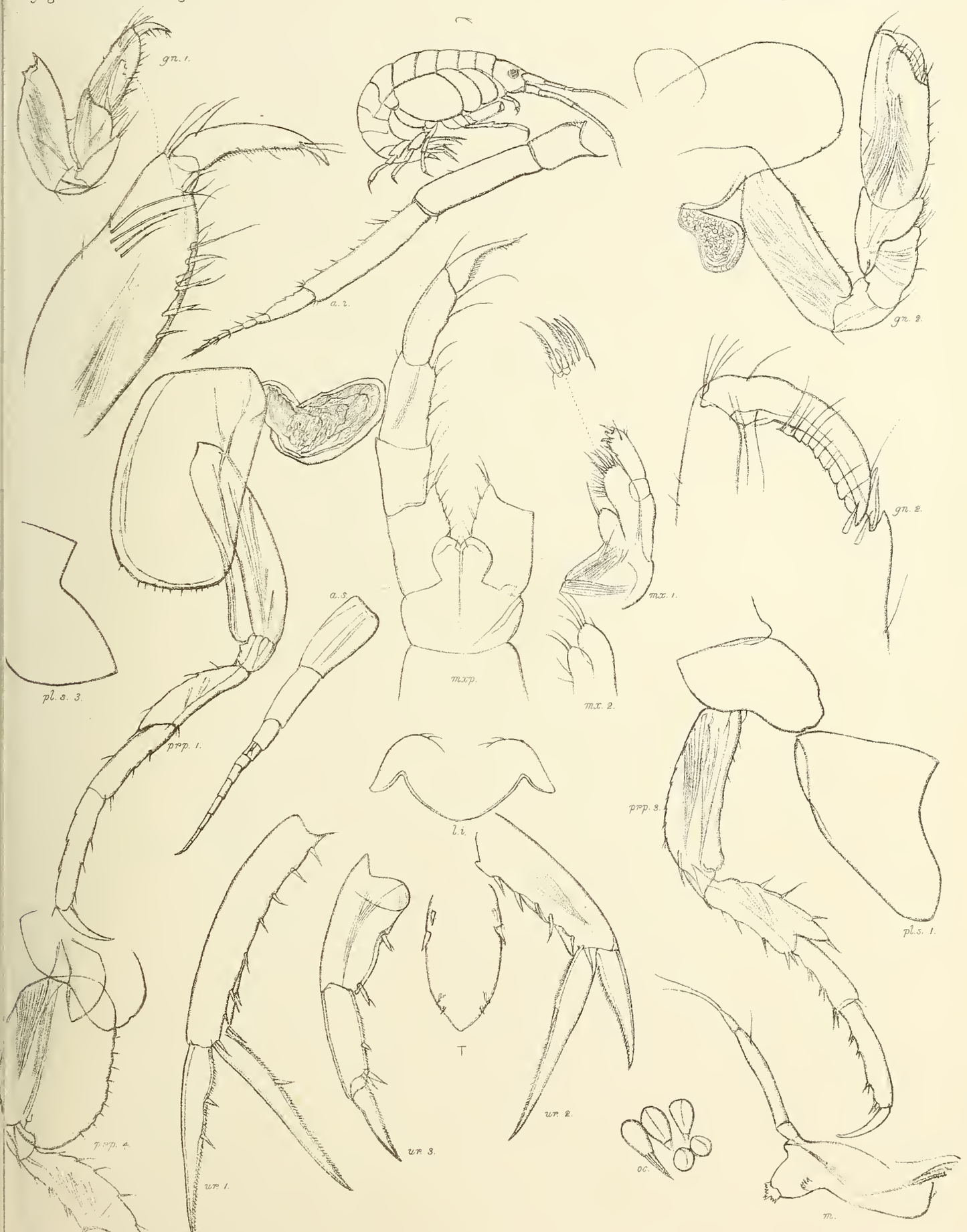


T R Stebbing, del

METOPA CRENATIPALMATA, n. sp.

M^cFarlane & Erskine, Lith^rs Edin^r

BRITISH MUSEUM
NATURAL HISTORY.

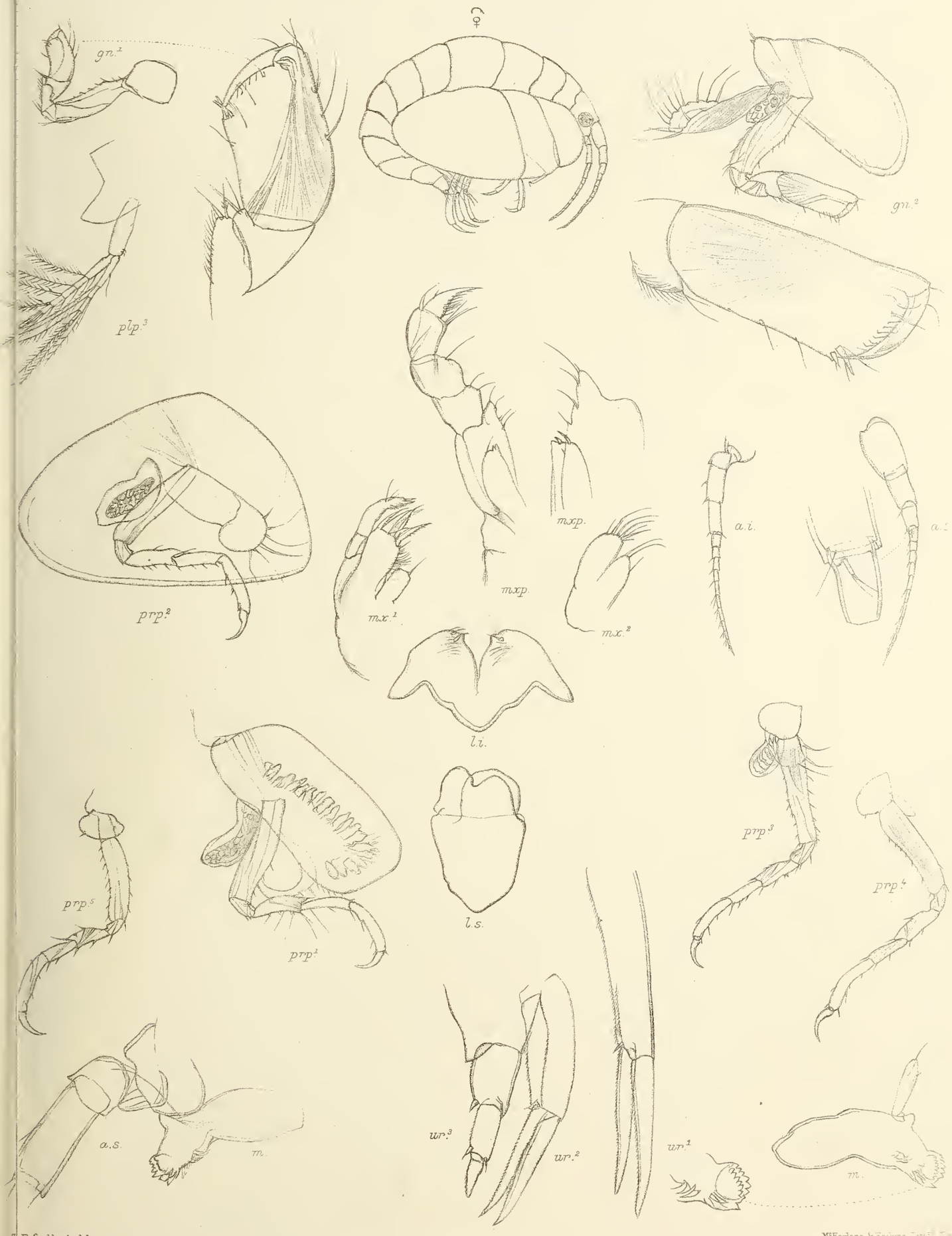


T. R. Jeffrey, del.

METOPA PARALLELOCHEIR, n. sp.

M.cFarlane & Erskine, Lith.rs Edin.r

BRITISH MUSEUM
NATURAL HISTORY

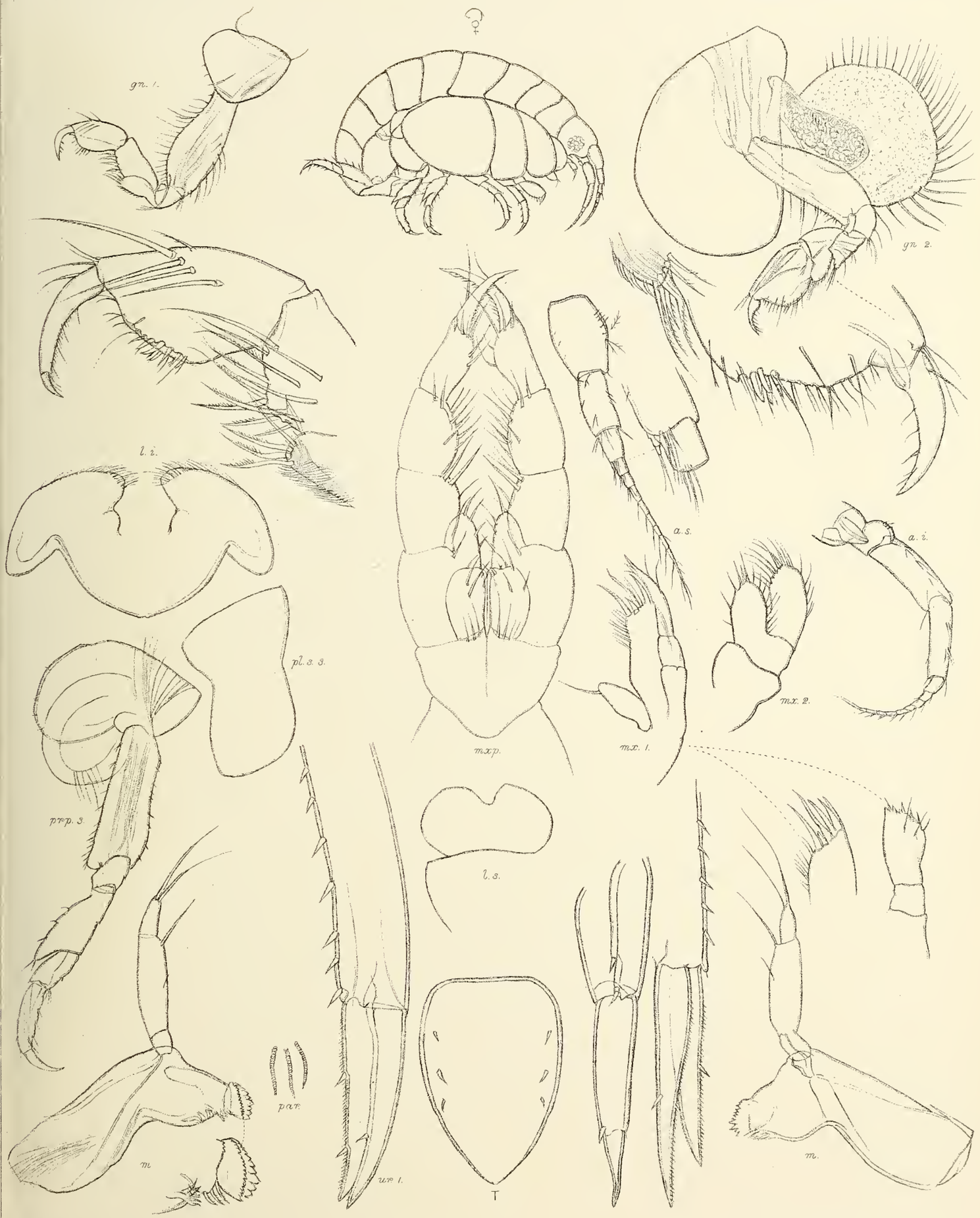


T. R. Stebbing, del.

M'Farlane & Erskine, Lith.

METOPA OVATA, n. sp.

BRITISH MUSEUM

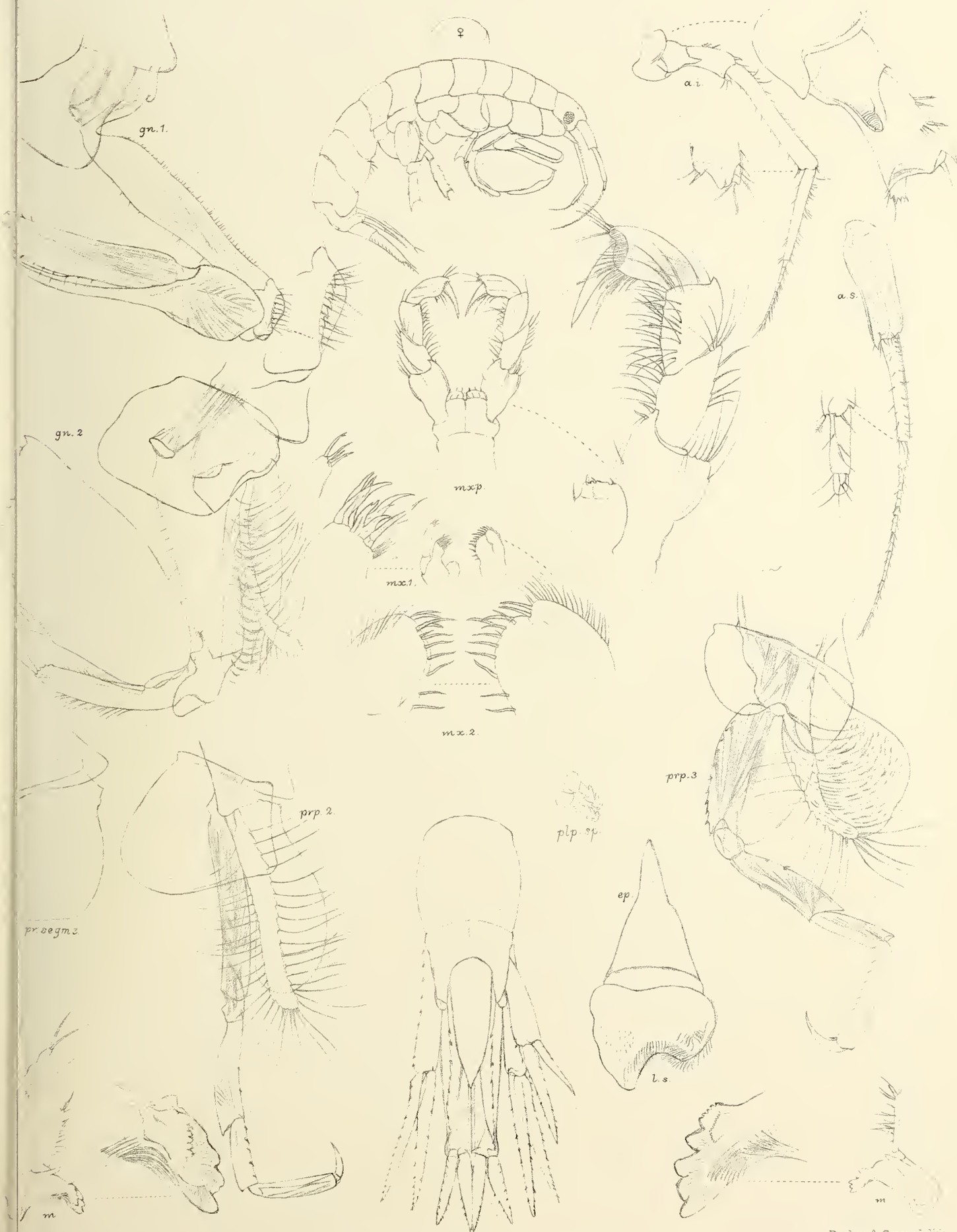


C.R.R. Stebbing, del.

McFarlane & Erskine, Lith.rs Edin.r

METOPA COMPACTA, n. sp.

BRITISH MUSEUM
NATURAL HISTORY.



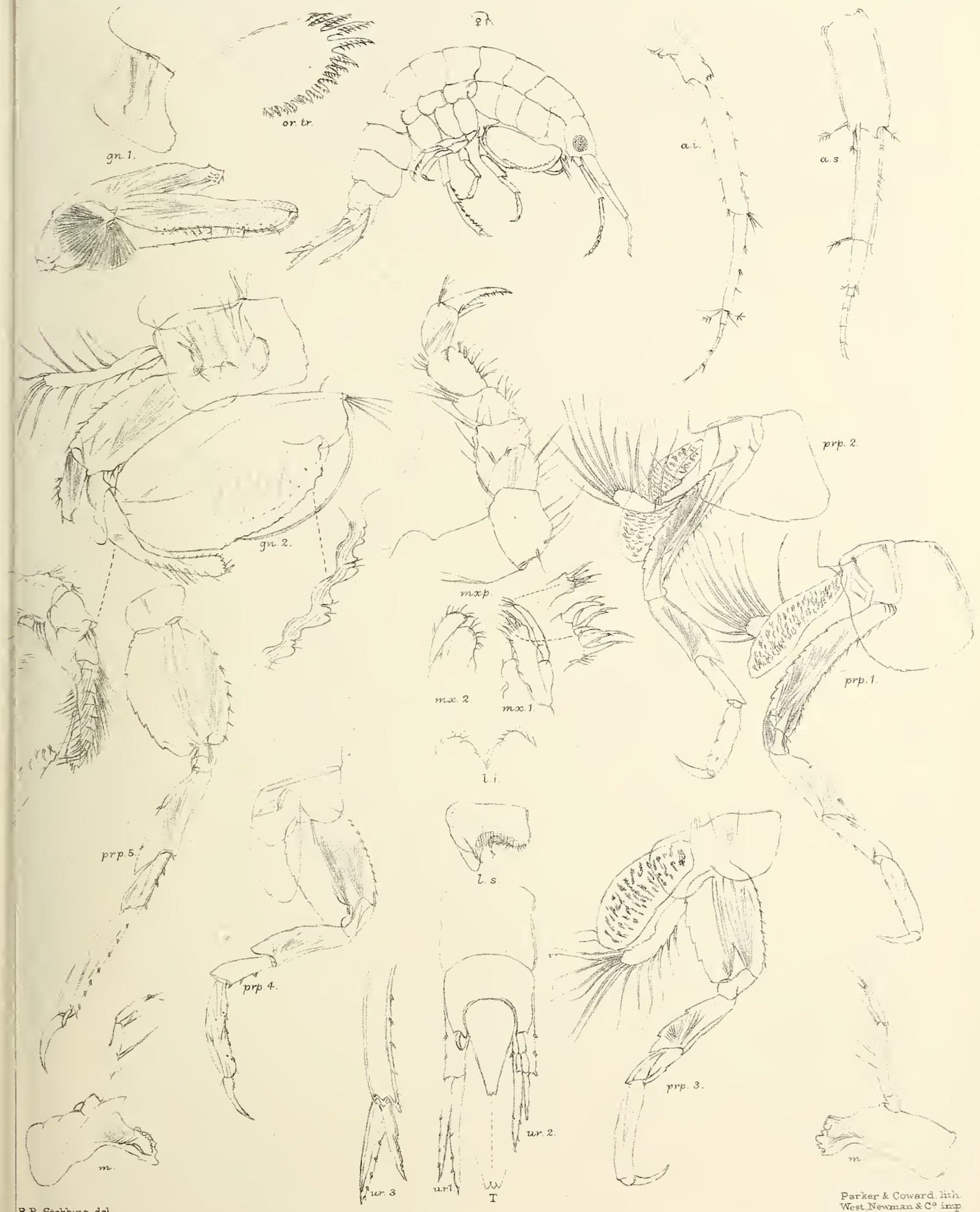
T.R.R. Stebbing del

Pl. D.

Parker & Coward, lith.
West, Newman & Co. imp.

LEUCOTHOË MIERSI, n. sp.

BRITISH MUSEUM
NATURAL HISTORY

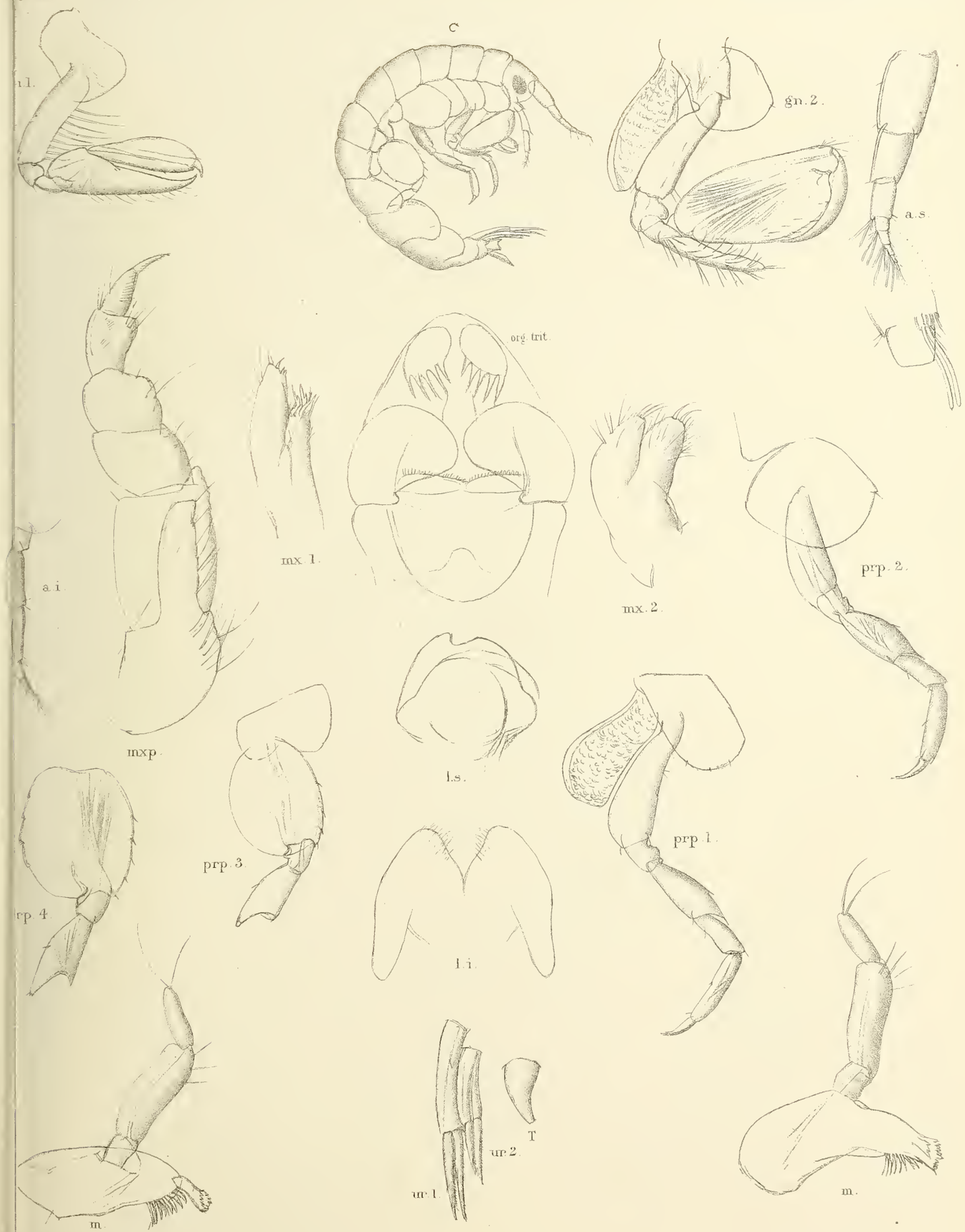


R.R. Stebbing del.

Parker & Coward, lith.
West, Newman & Co. imp.

LEUCOTHOË TRIDENS, n. sp.

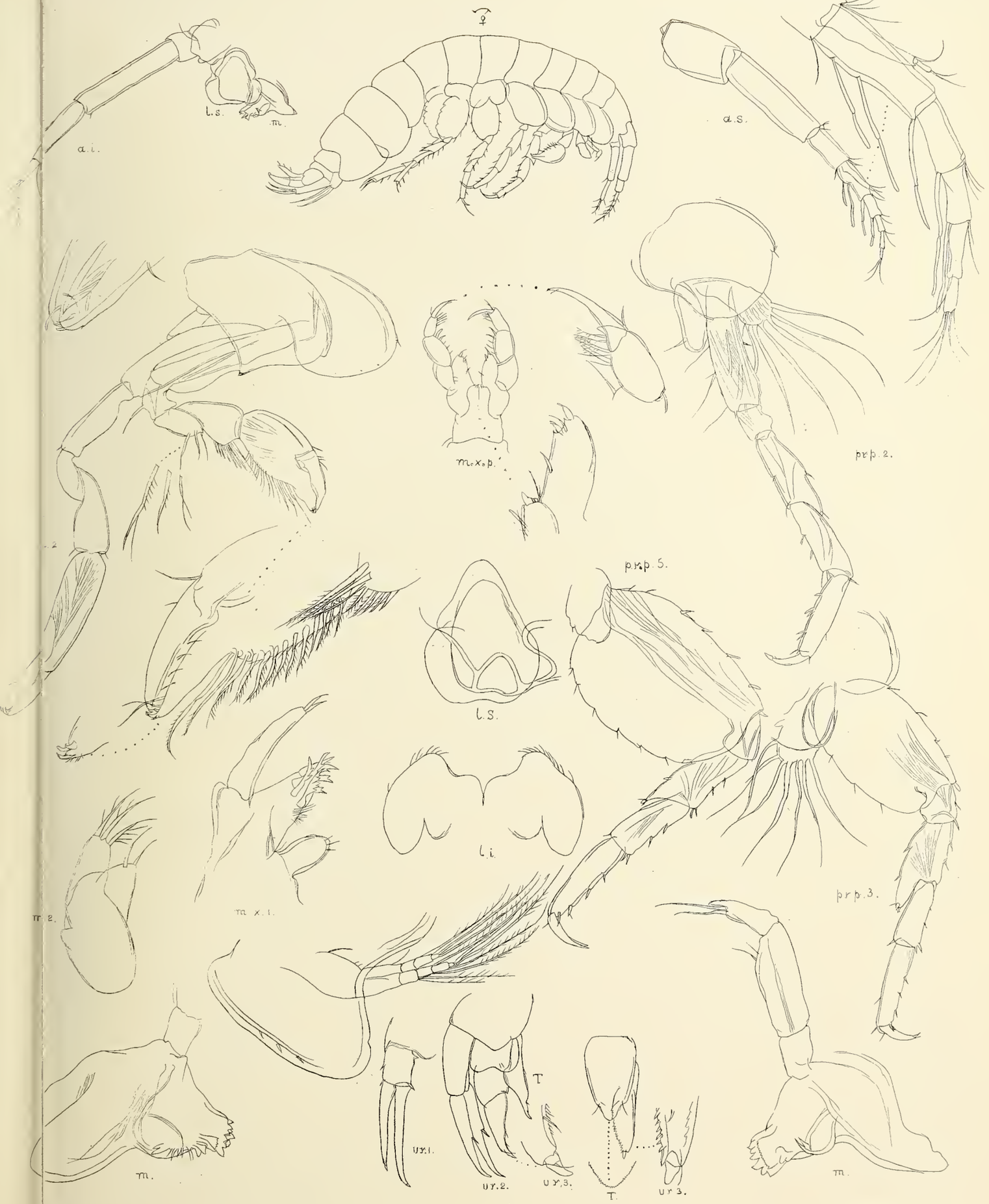
BRITISH MUSEUM
NATURAL HISTORY.



Mintern Bros. imp

LEUCOTHOË FLINDERSI, n. sp.

BRITISH MUSEUM
NATURAL HISTORY.

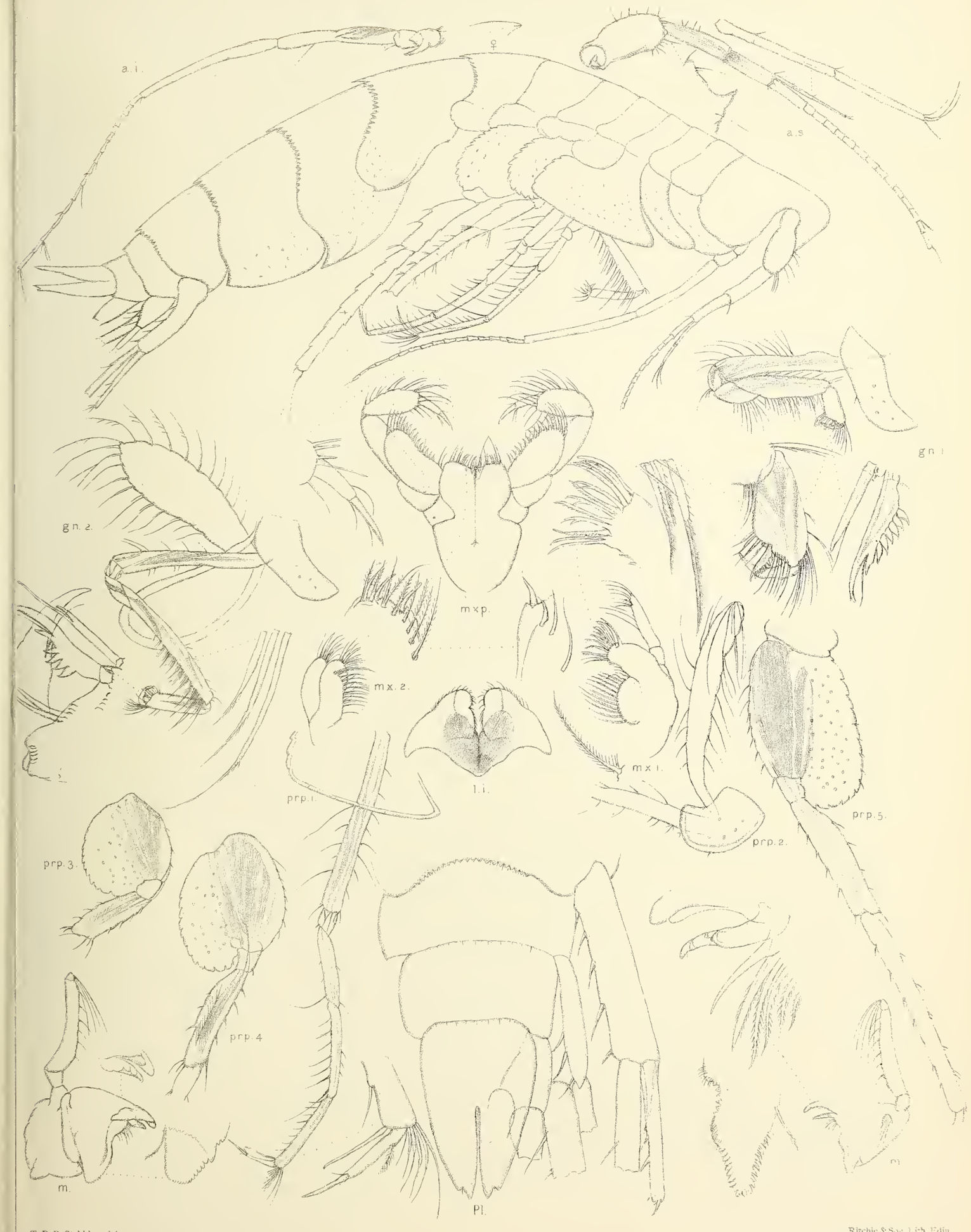


T.R. Stebbing del.
G.S. Saunders sc.

West, Newman & Co. imp.

SEBA SAUNDERSII, Stebbing.

BRITISH MUSEUM
NATURAL HISTORY.

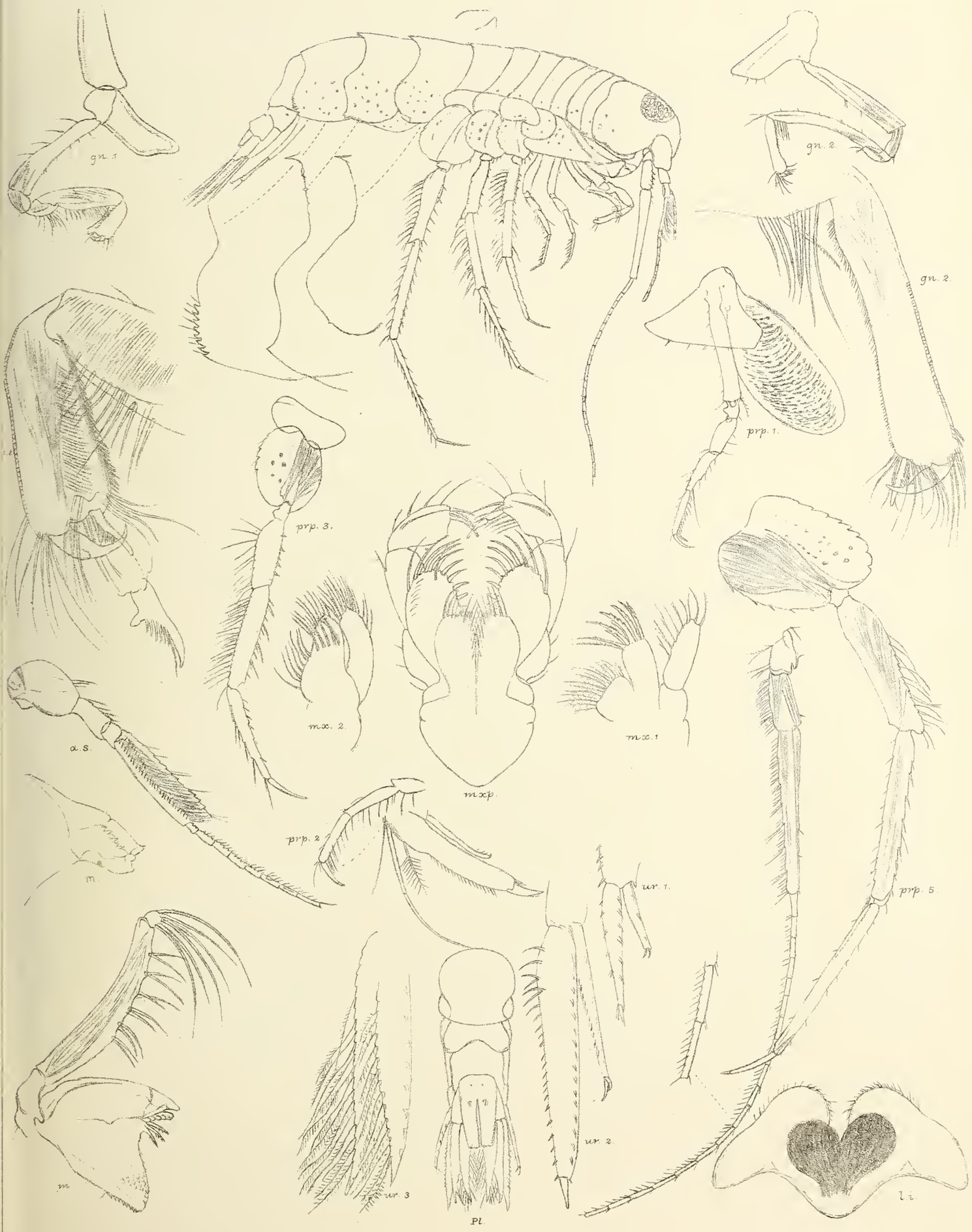


T. R. R. Stebbing. del.

Ritchie & Son, Lith. Edin.

SYRRHOË PAPYRACEA, n. sp.

BRITISH MUSEUM
NATURAL HISTORY.

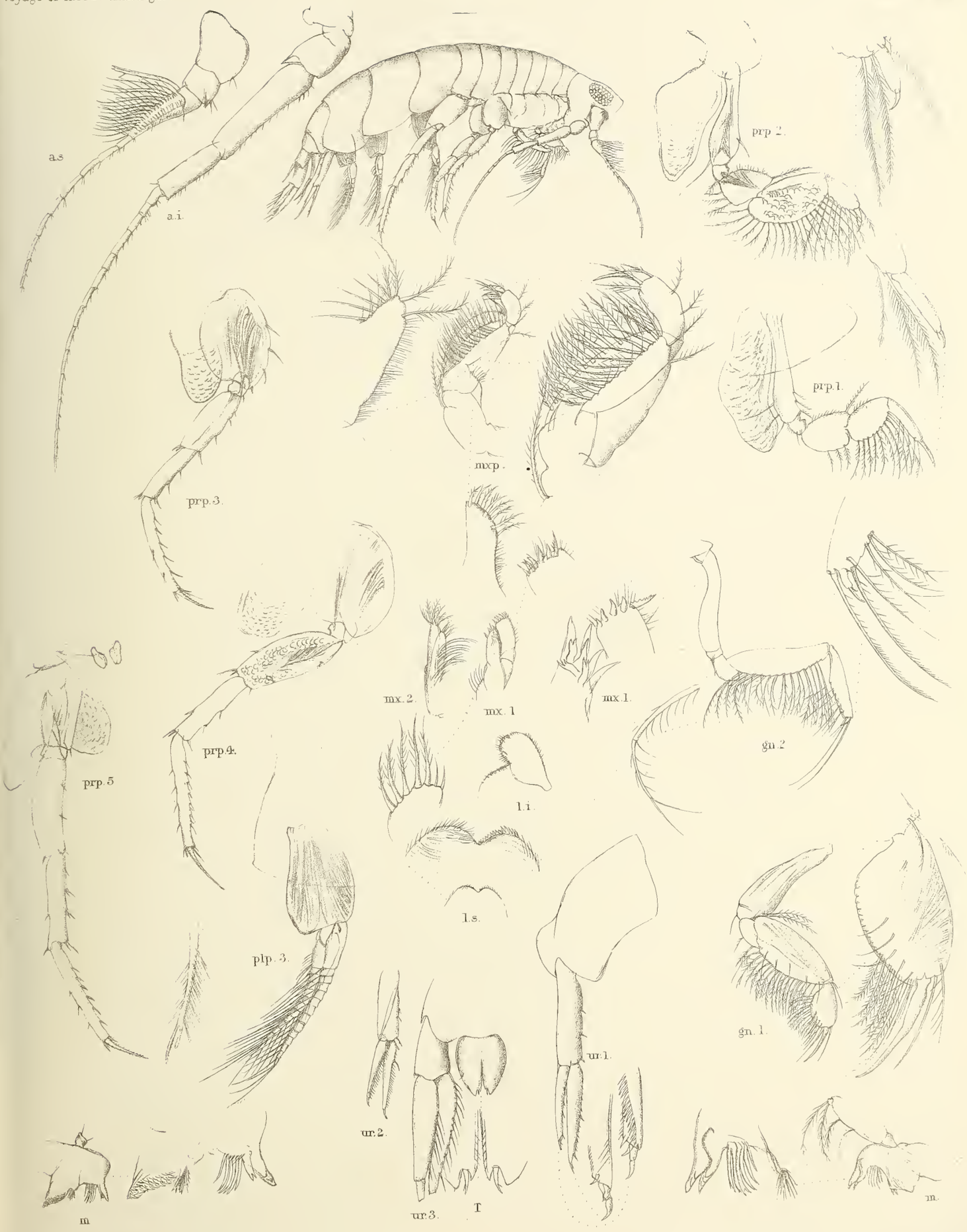


T.R.R Stebbing del.

Parker & Coward, lith
West Newman & Co. imp.

SYRRHOË SEMISERRATA, n. sp.

BRITISH MUSEUM
NATURAL HISTORY

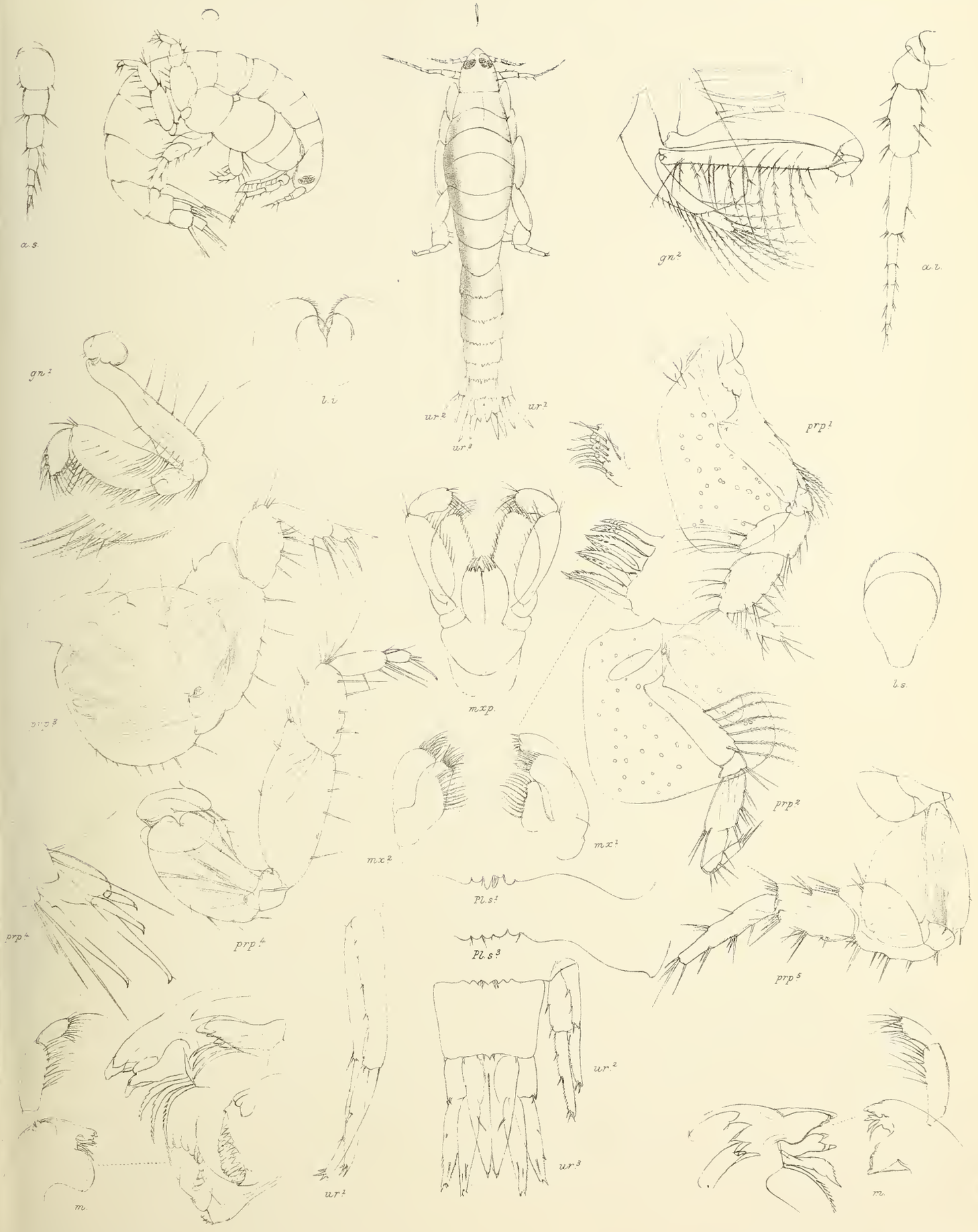


J. R. P. Stebbing del. F. H. Michael lith.

Mintern Bros. imp.

SYNOPIA SCHÉELEANA, Bovallius.

BRITISH MUSEUM
NATURAL HISTORY

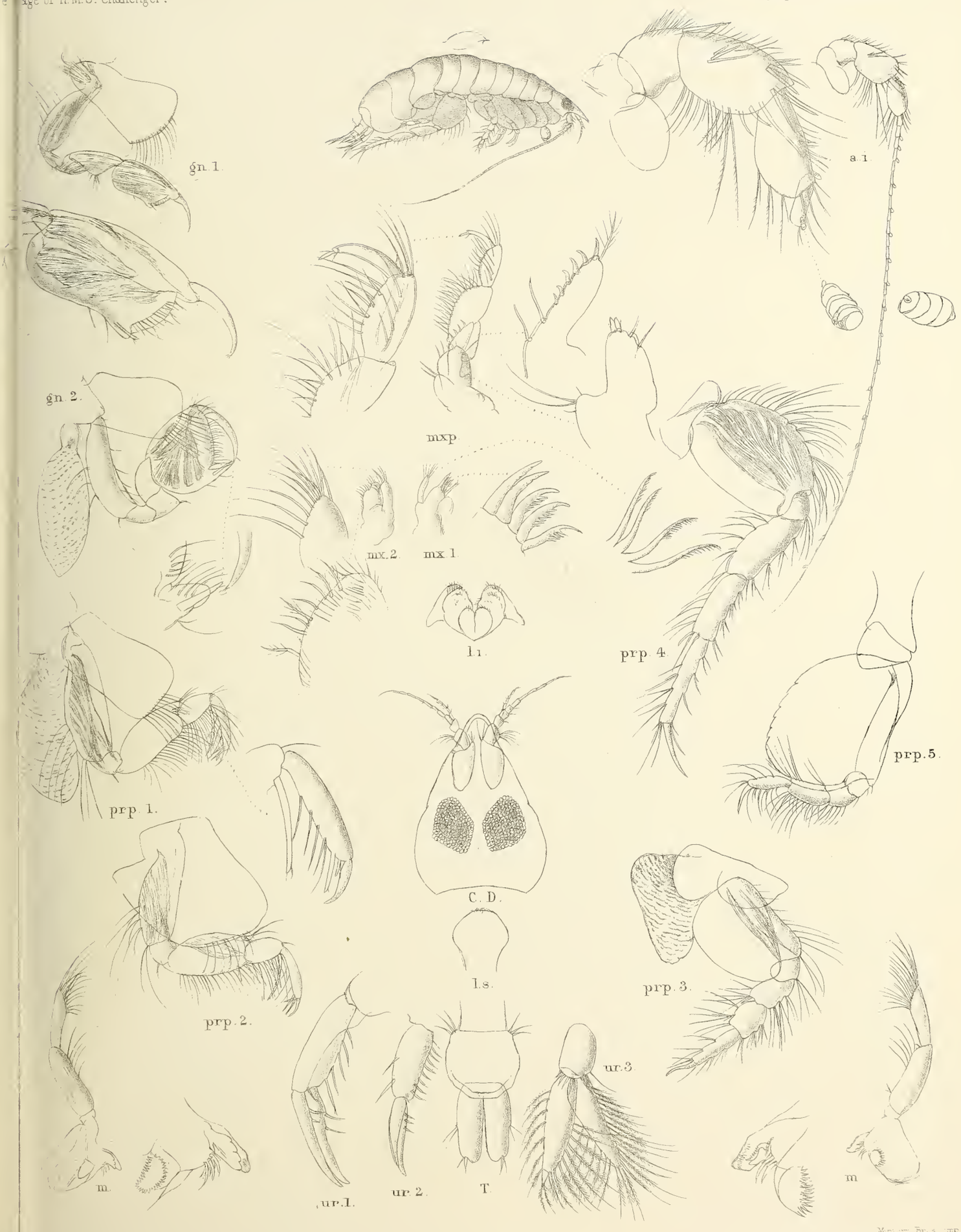


T.R.R. Stebbing del.

F. Huth, Lith.ʳ Edin.ʳ

CARDENIO PAURODACTYLUS, n.g. et sp.

BRITISH MUSEUM
NATURAL HISTORY.

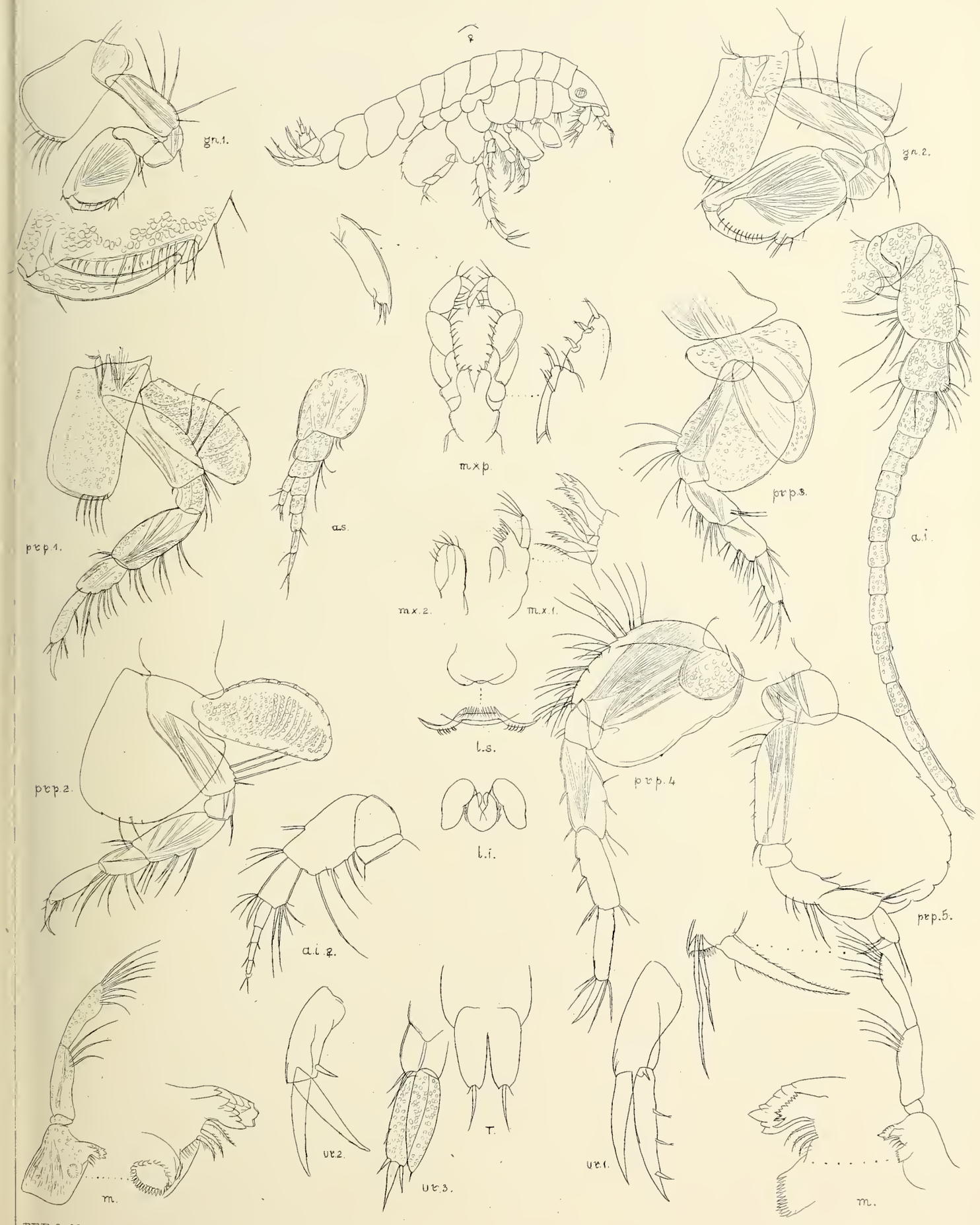


...Stebbing del. W. H. Crowther lith.

Mintern Bros. imp.

PHOXUS BASSI, n. sp.

NATURAL HISTORY

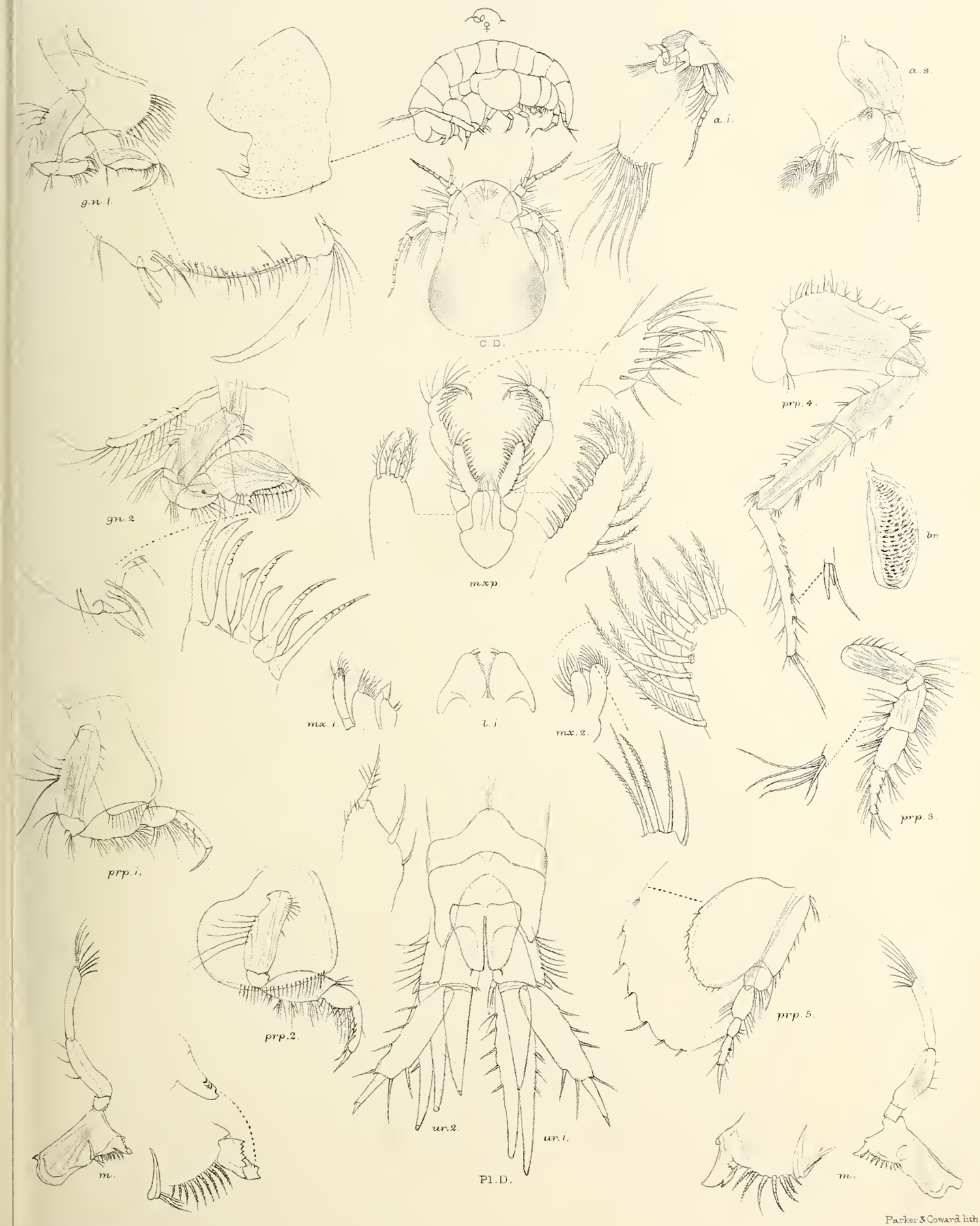


T.R.R. Stebbing del.
G.S. Saunders sc.

West, Newman & Co. imp.

PHOXUS KERGUELENI n. sp.

BRITISH MUSEUM
NATURAL HISTORY

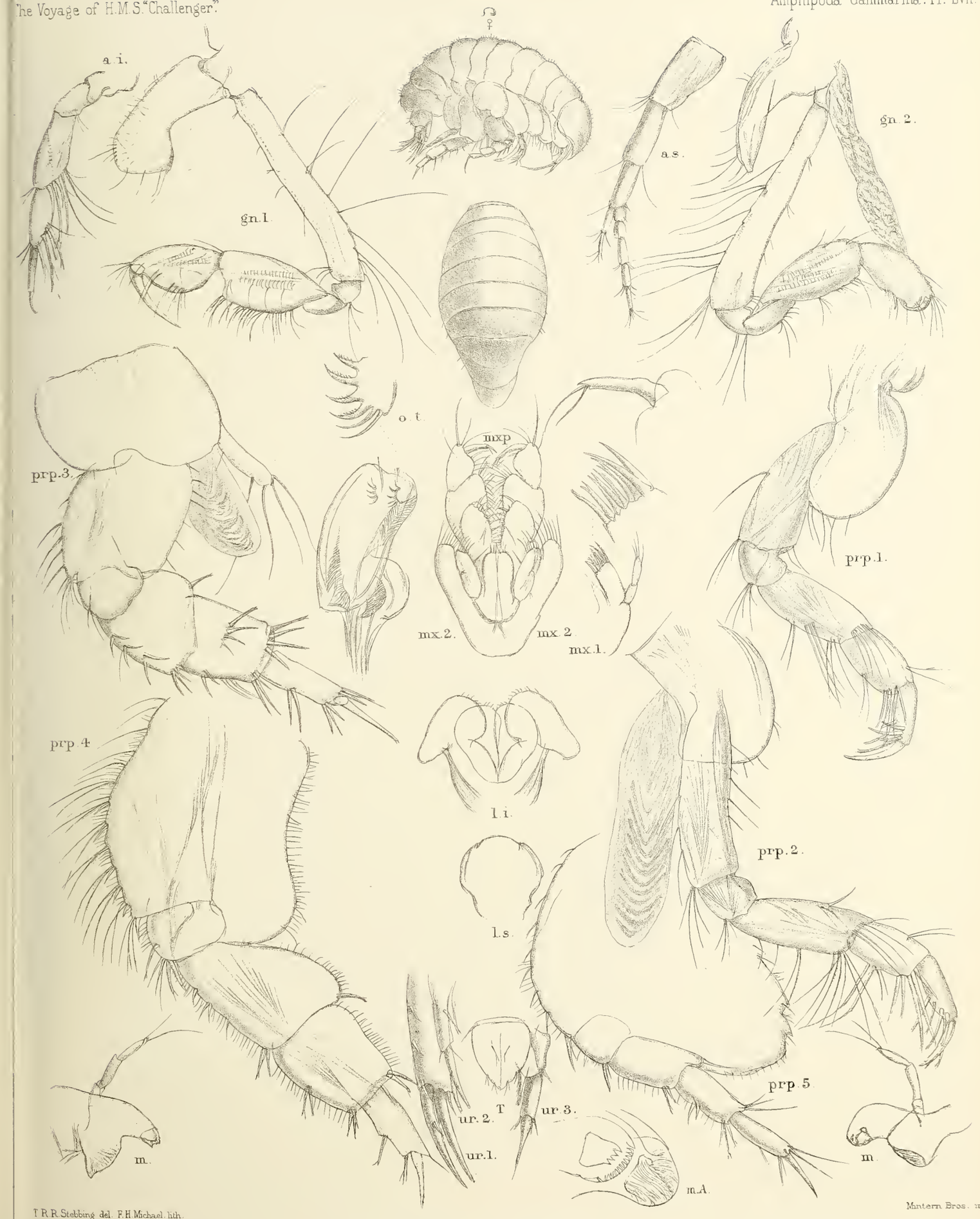


T.R.R. Stebbing del.

Parker & Coward lith.
West, Newman & Comp.

HARPINIA OBTUSIFRONS, n. sp.

BRITISH MUSEUM
NATURAL HISTORY

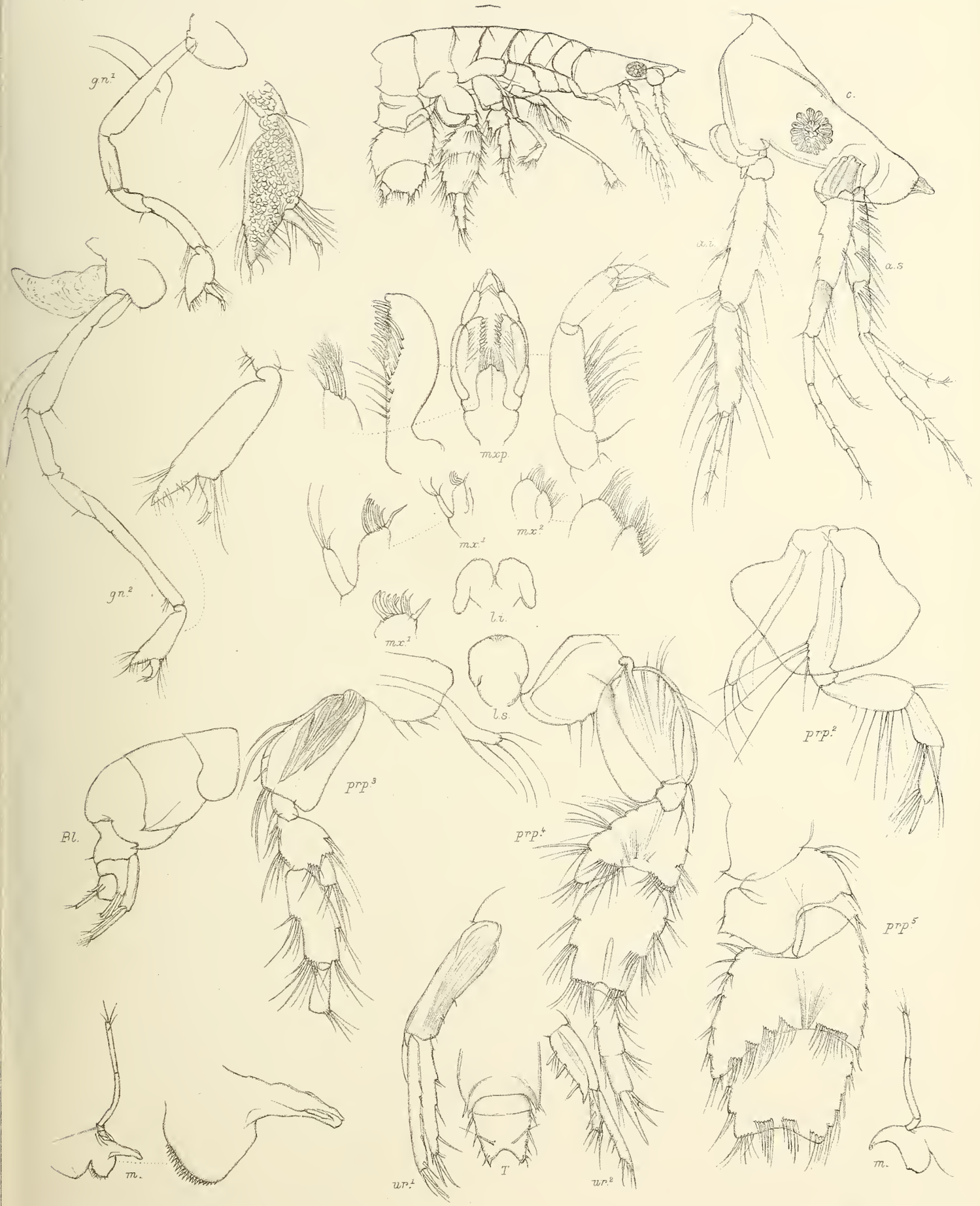


T.R.R.Stebbing del. F.H.Michael. lith.

Mintern Bros. imp

UROTHOË LACHNEËSSA, n. sp.

BRITISH MUSEUM
NATURAL HISTORY

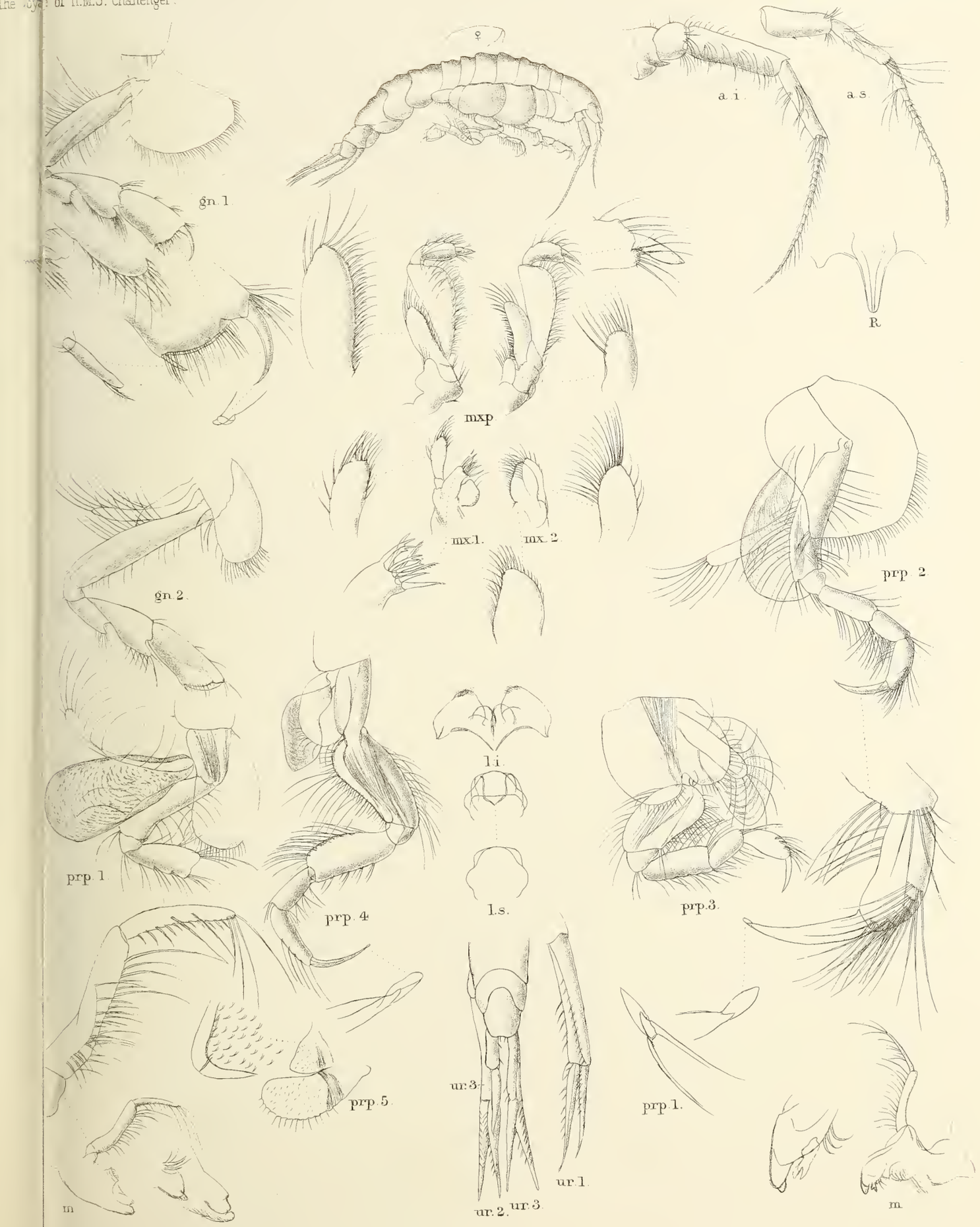


T.R.R. Stebbing, del.

McFarlane & Erskine, Lith.ts Edin.r

PLATYISCHNOPUS MIRABILIS, n. g. et sp.

BRITISH MUSEUM
NATURAL HISTORY

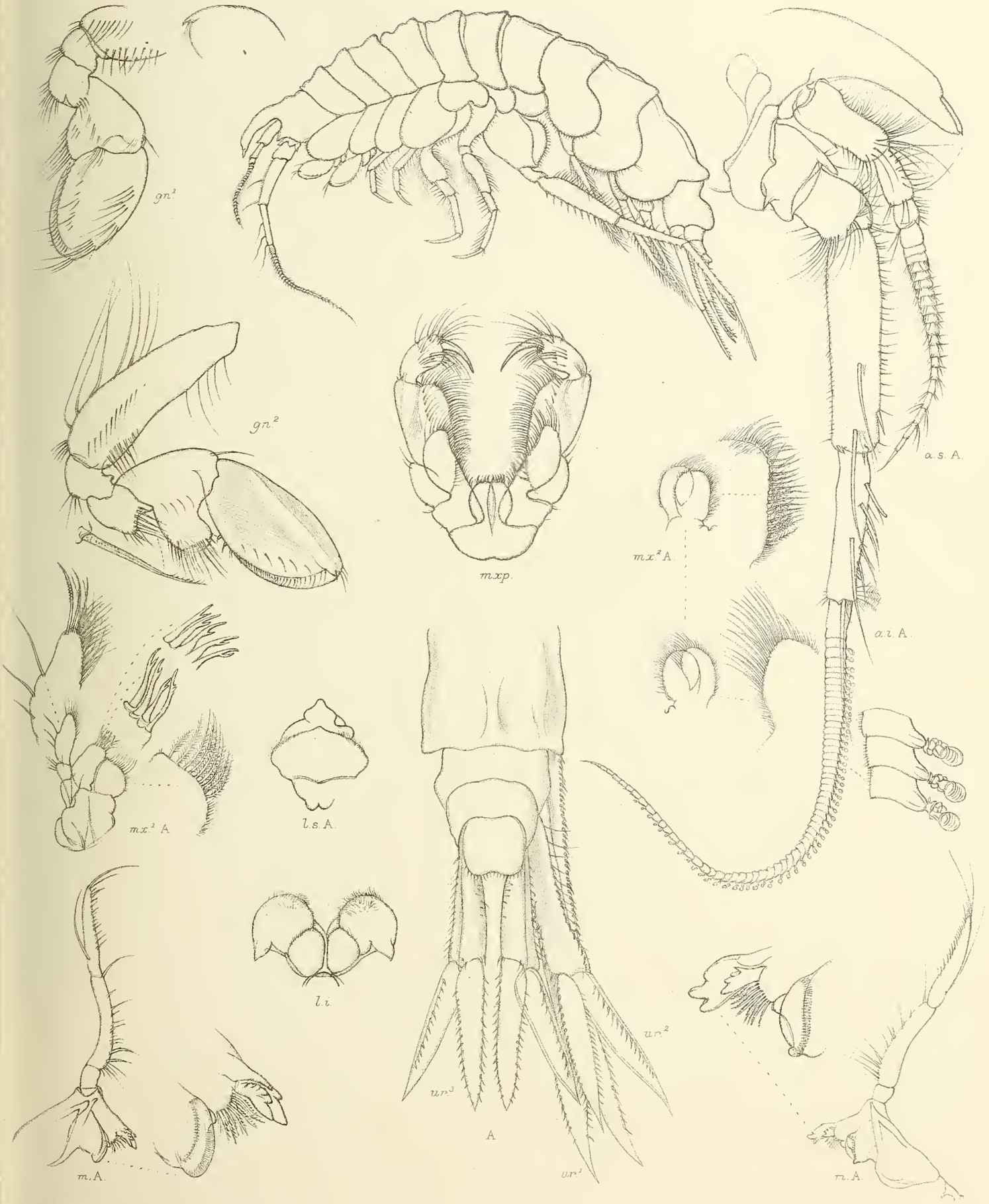


Gabbing del. W.H. Crowther lith.

Mintern Bros. imp.

HALIMEDON SCHNEIDERI, n. sp.

NATURAL HISTORY.



T.R.R. Stebbing, del.

Reid & Lowne lith. Edin.ʳ

ŒDICEROIDES CONSPICUA, n. g. et sp

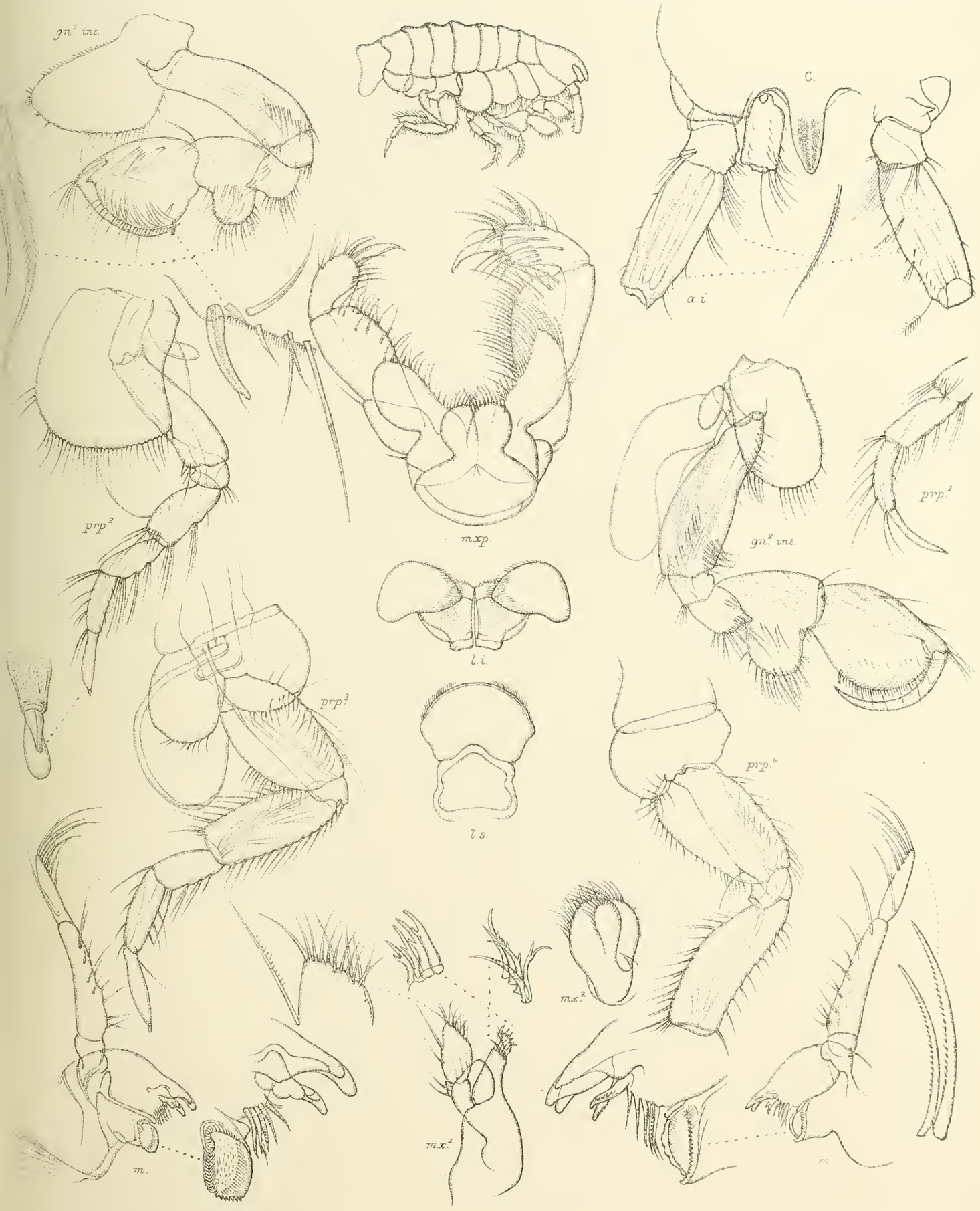
NATURAL HISTORY

T.R.R. Stebbing, del.

Reid & Cowie, lith. Edin.r

OEDICEROIDES CONSPICUA, n. g. et sp.

NATURAL HISTORY

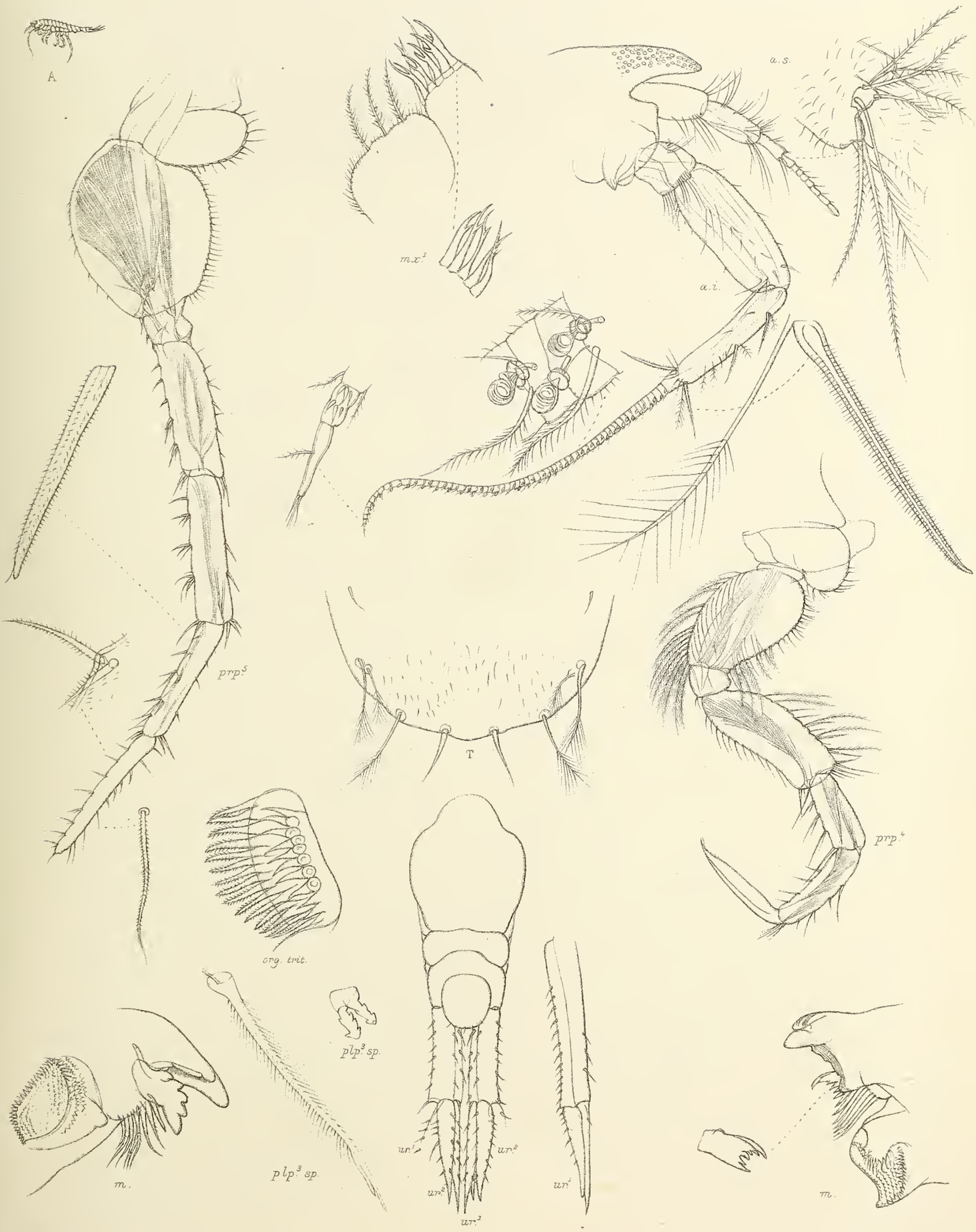


F. N. Stebbing, del.

Reid & Gowie 5th Edin.

ŒDICEROIDES CINDERELLA, n. g. et sp.

BRITISH MUSEUM
NATURAL HISTORY.

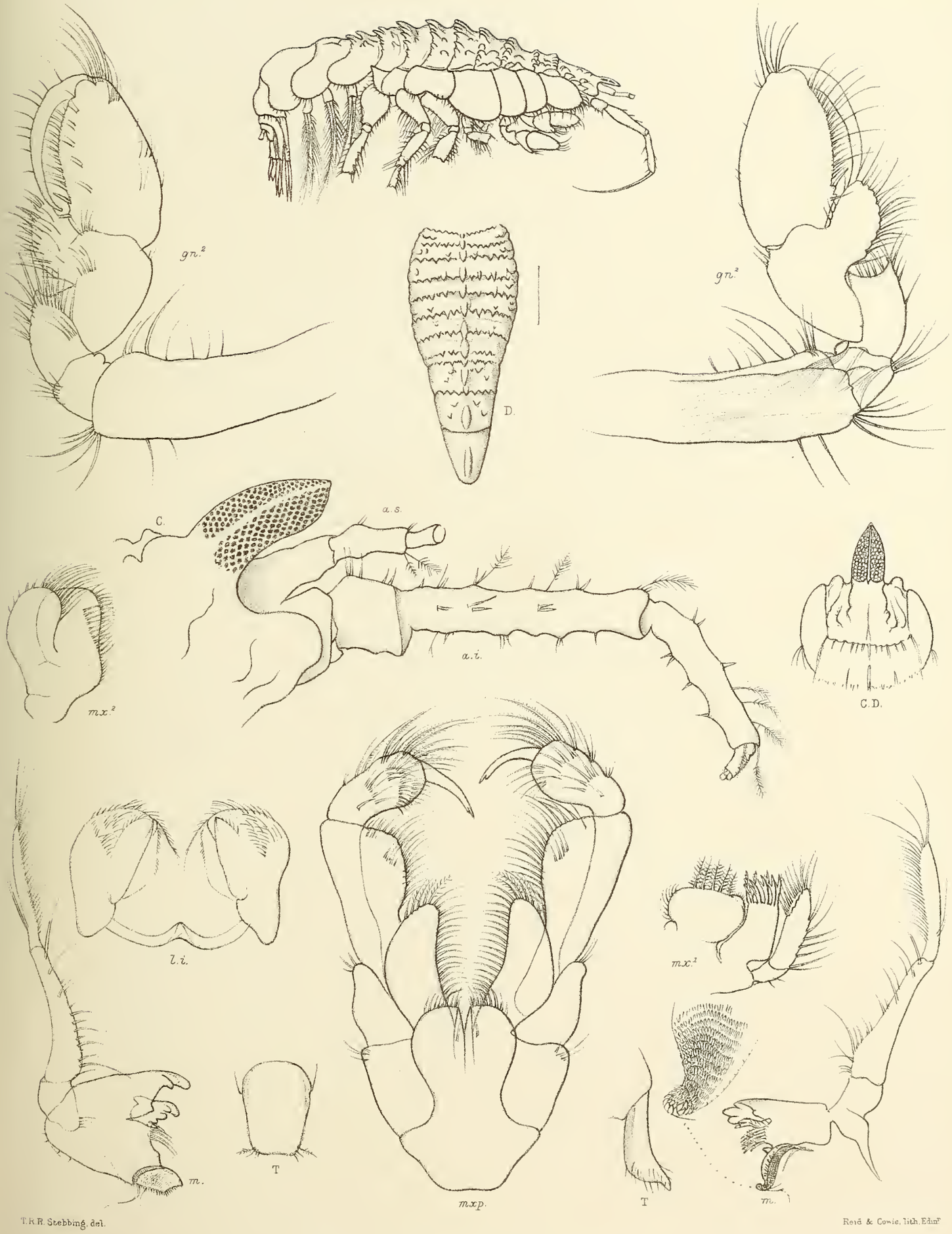


T.R.R. Stebbing, del.

Reid & Cowie, lith. Edin.

ŒDICEROIDES CINDERELLA, n. g. et sp.

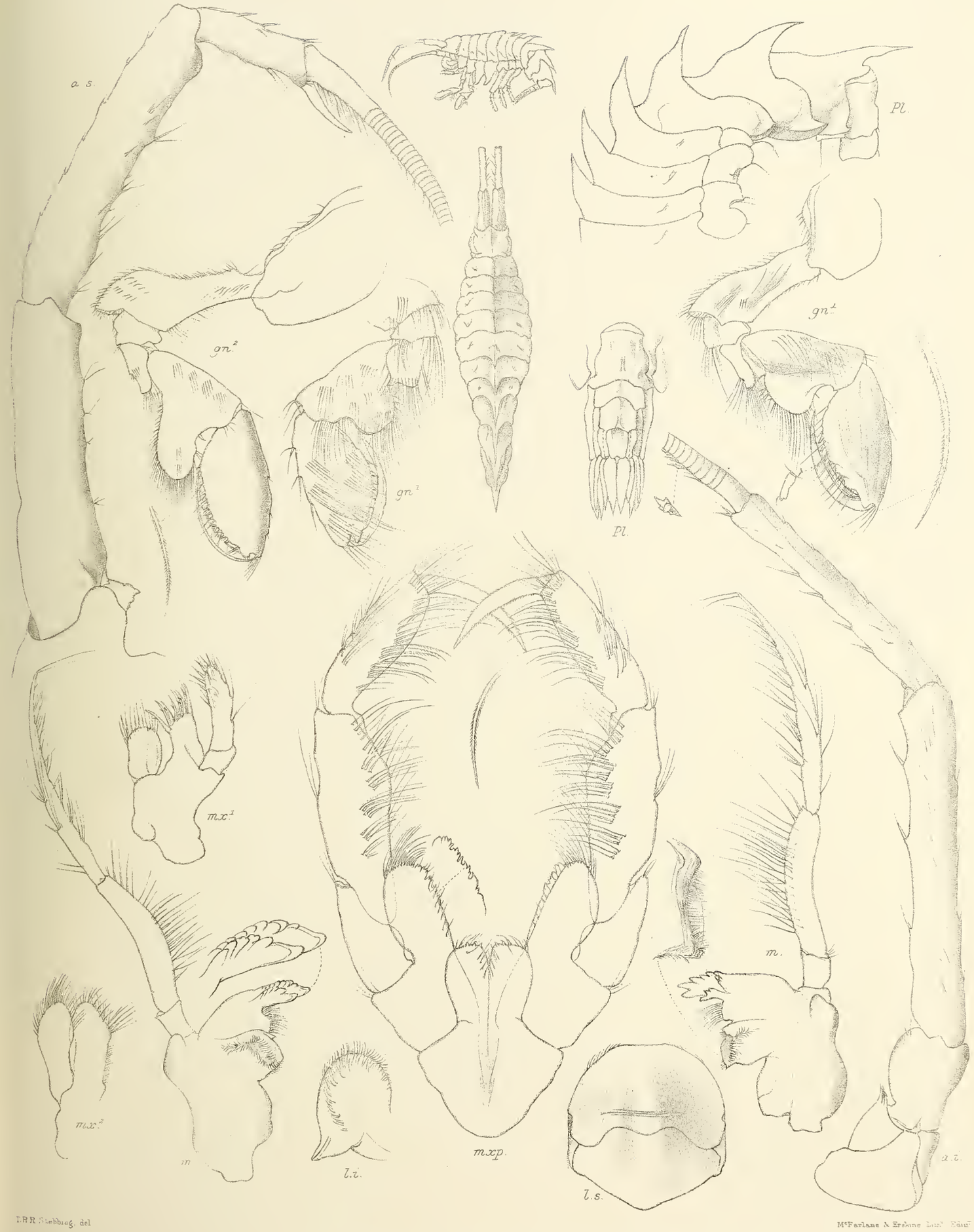
BRITISH MUSEUM
NATURAL HISTORY



T.R.R. Stebbing, del. Reid & Cowie, lith. Edin.

ŒDICEROIDES ORNATA, n. g. et sp.

NATURAL HISTORY.

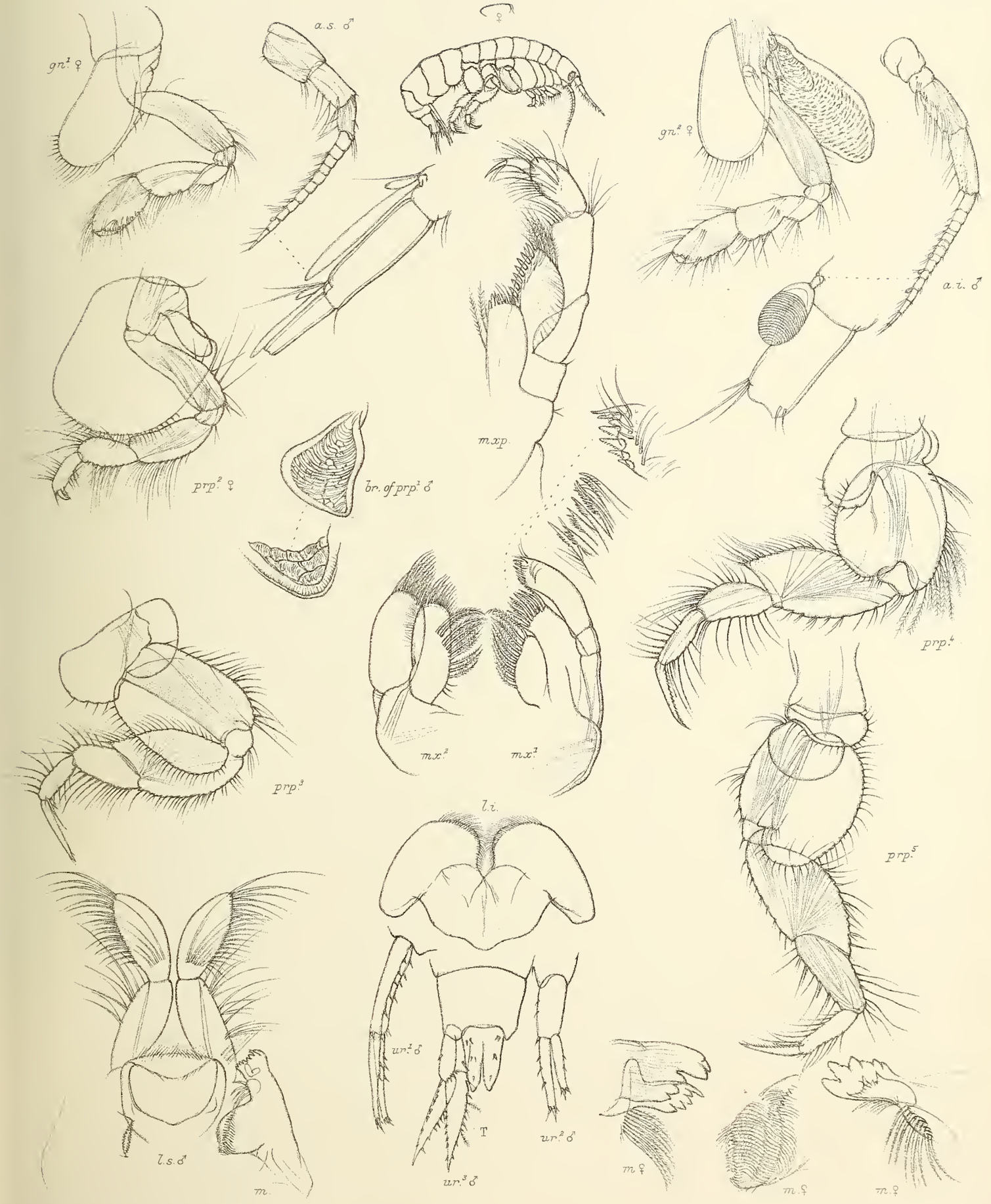


D.R.R. Stebbing, del

McFarlane & Erskine Lith.ª Edin.ª

AMATHILLOPSIS AUSTRALIS, n. sp.

BRITISH MUSEUM
NATURAL HISTORY

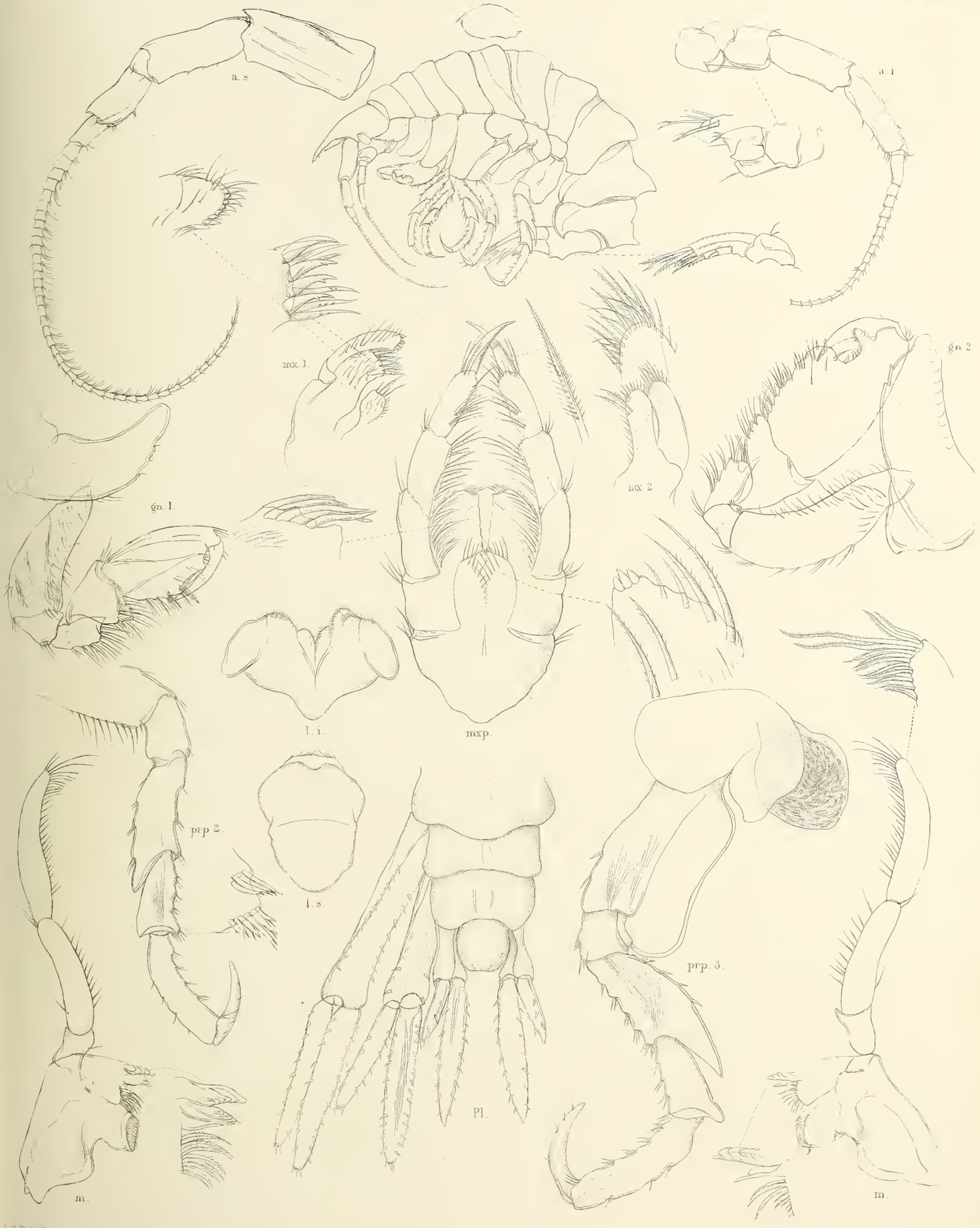


T.R.R. Stebbing, del.

Read & Cowie Lith. Edin.r

ZARAMILLA KERGUELENI, n. g. et sp.

BRITISH MUSEUM
NATURAL HISTORY

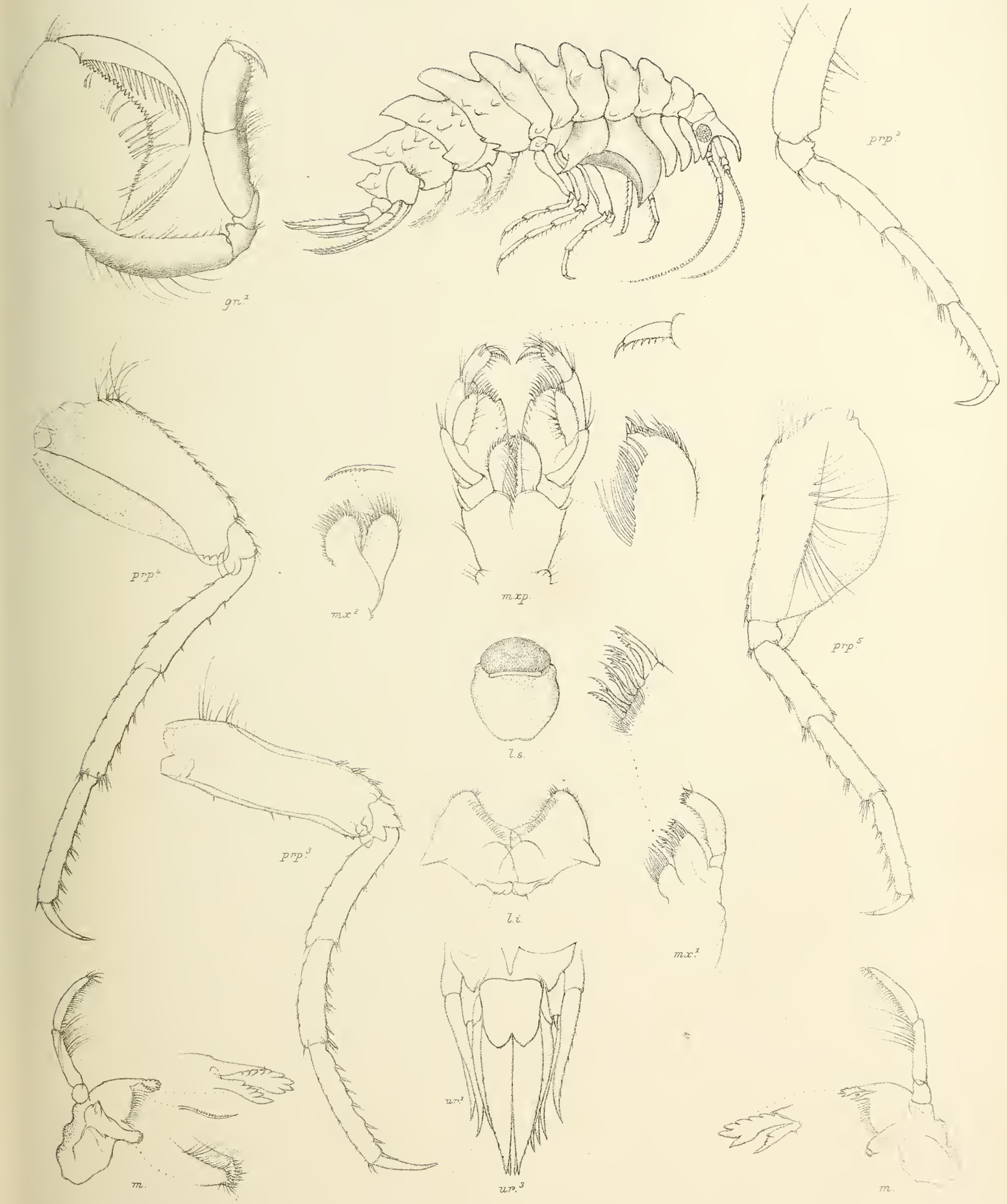


J. R. R. Stebbing del. F. H. Michael lith.

Mintern Bros. imp.

PLEUSTES ABYSSORUM, n. sp.

BRITISH MUSEUM
NATURAL HISTORY.

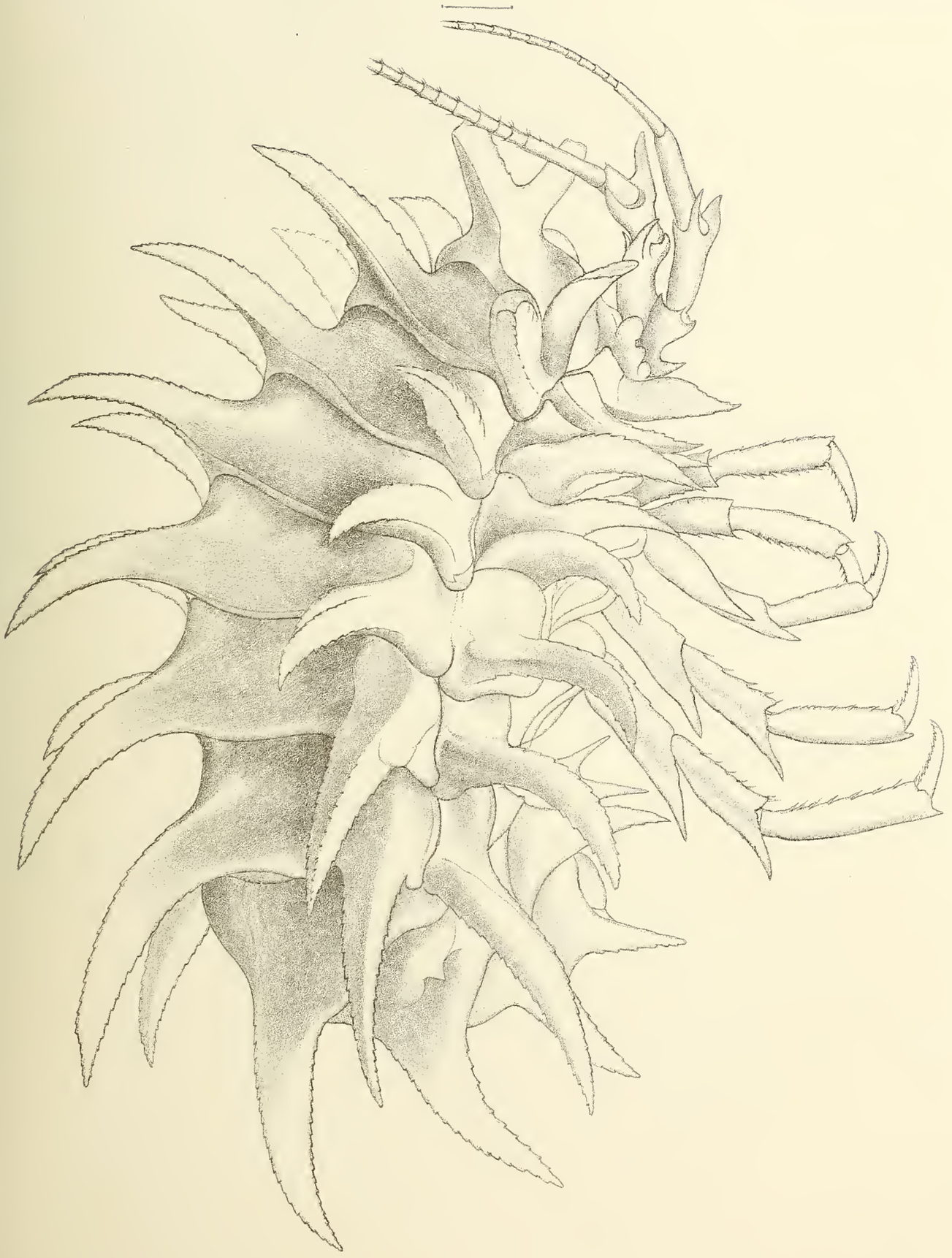


T R R. Stebbing, del.

Reid & Cowie, Lith, Edinr

EPIMERIA LORICATA, Sars.

BRITISH MUSEUM
NATURAL HISTORY

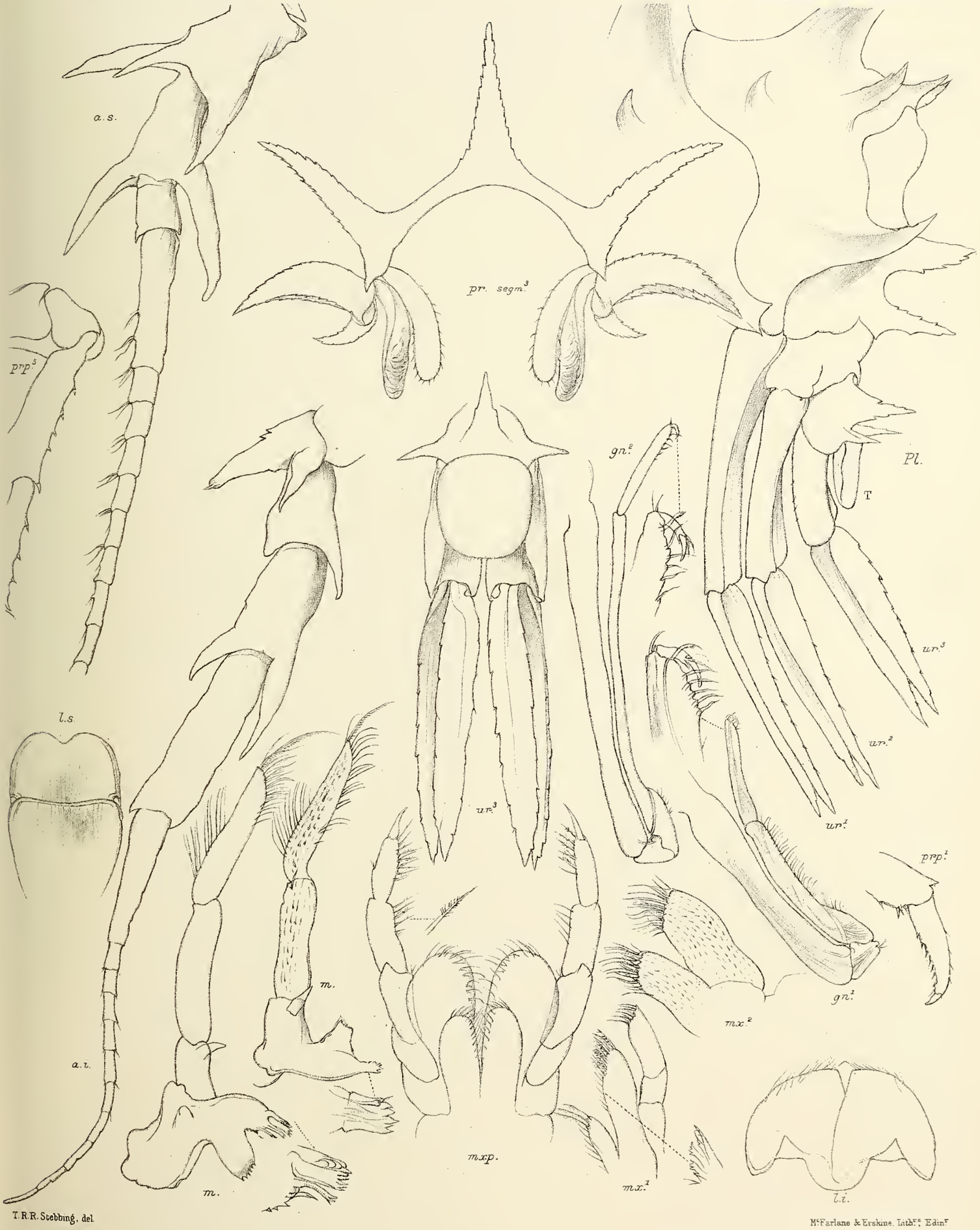


T.R.R. Stebbing, del.

Reid & Cowie, lith. Edin.

ACANTHECHINUS TRICARINATUS, n. g. et sp.

BRITISH MUSEUM
NATURAL HISTORY

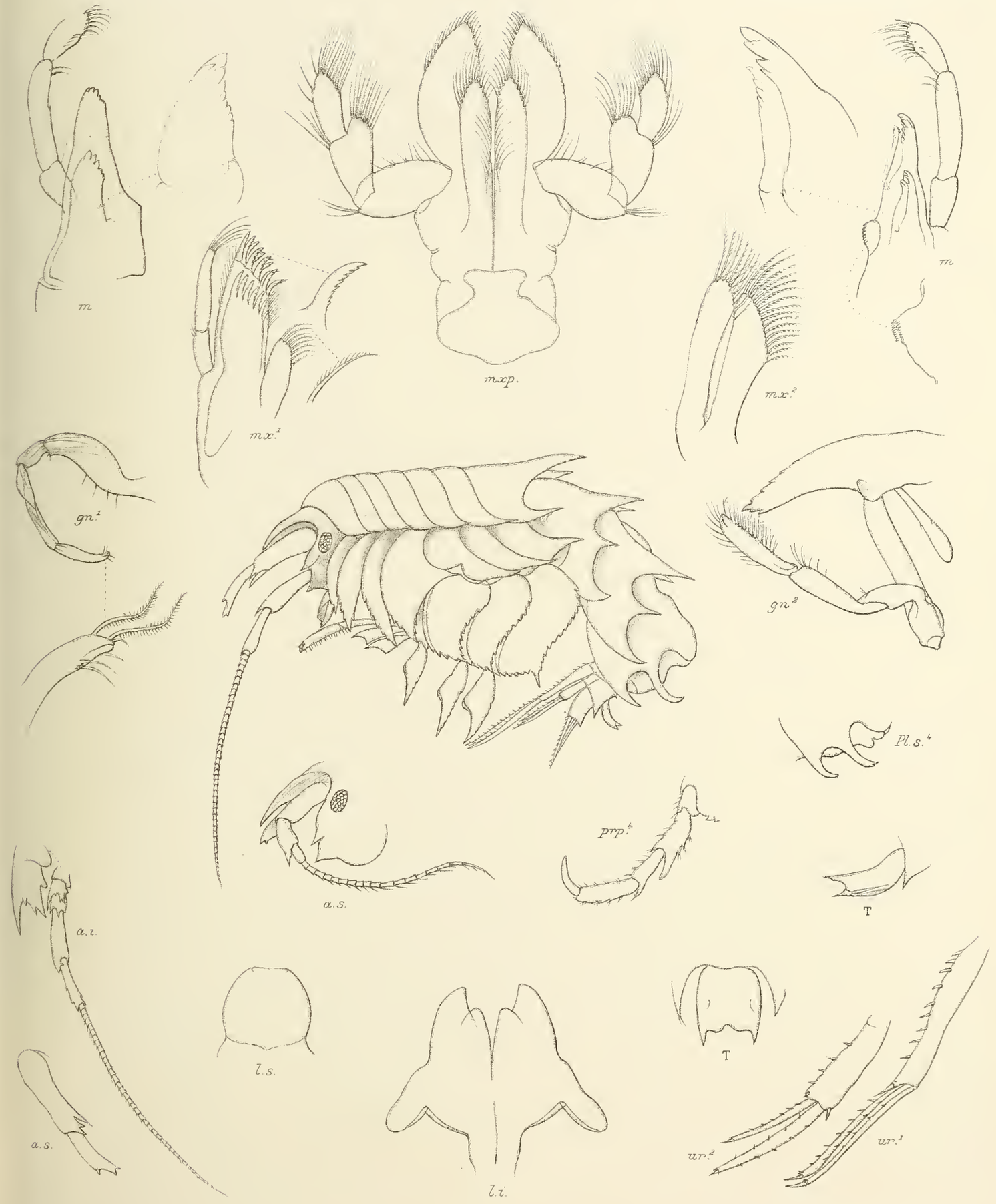


T.R.R. Stebbing, del.

McFarlane & Erskine, Lith.ts, Edin.r

ACANTHECHINUS TRICARINATUS, n. g. et sp.

BRITISH MUSEUM
NATURAL HISTORY.

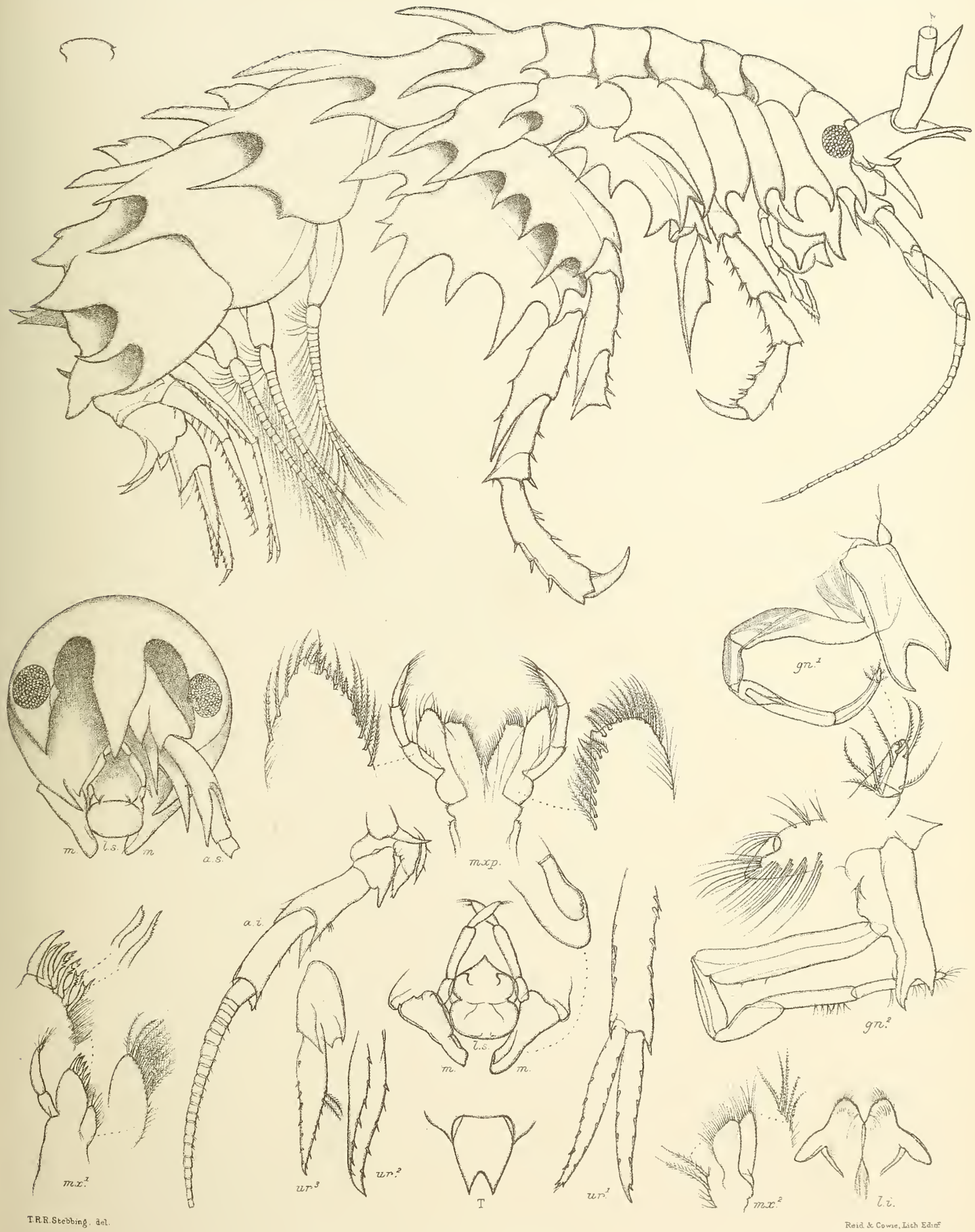


T R R Stebbing, del.

Reid & Cowie, Lith. Edinr.

IPHIMEDIA PACIFICA, n.sp.

BRITISH MUSEUM
NATURAL HISTORY

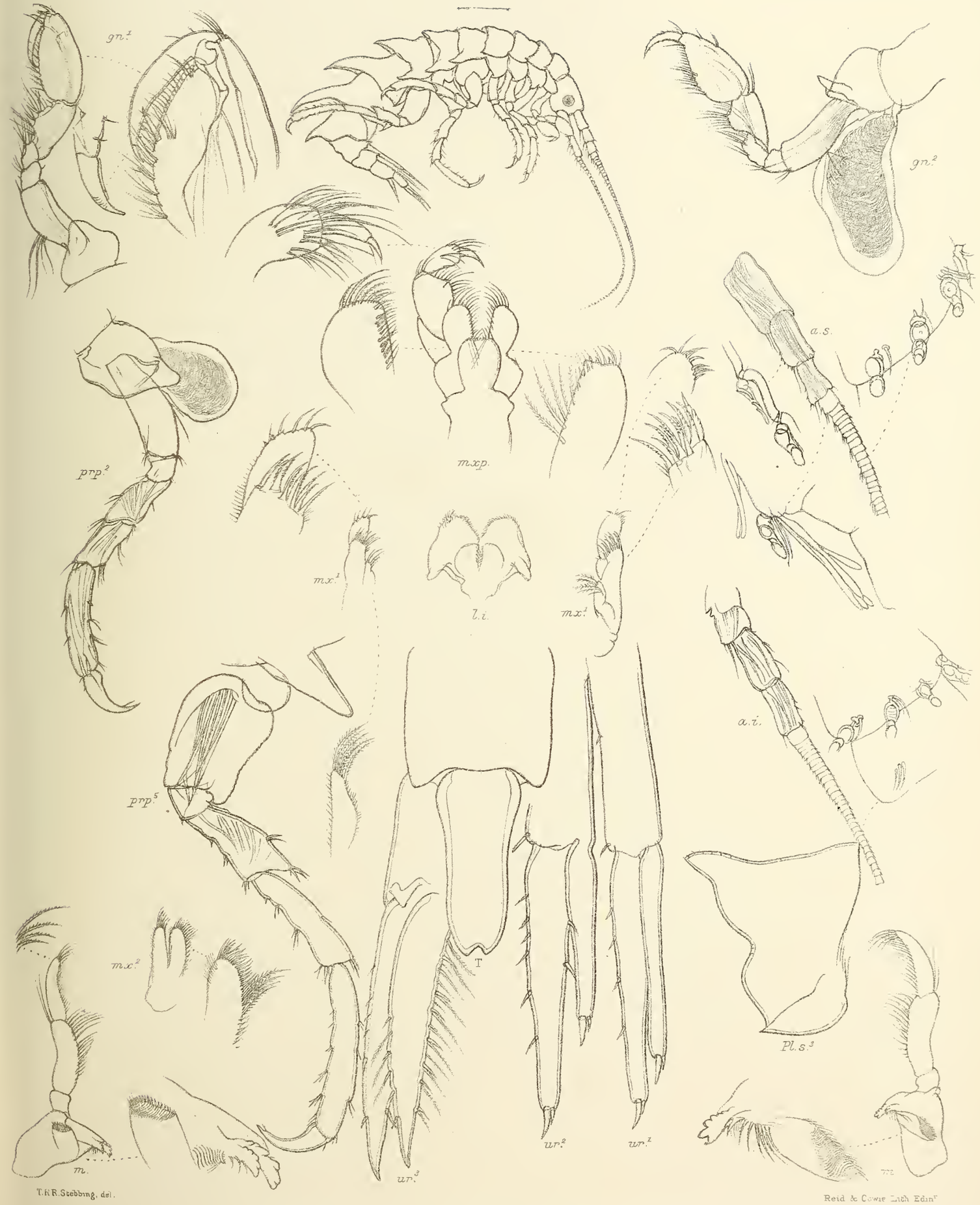


T.R.R.Stebbing, del.

Reid & Cowie, Lith Edinr

IPHIMEDIA PULCHRIDENTATA, n. sp.

NATURAL HISTORY.

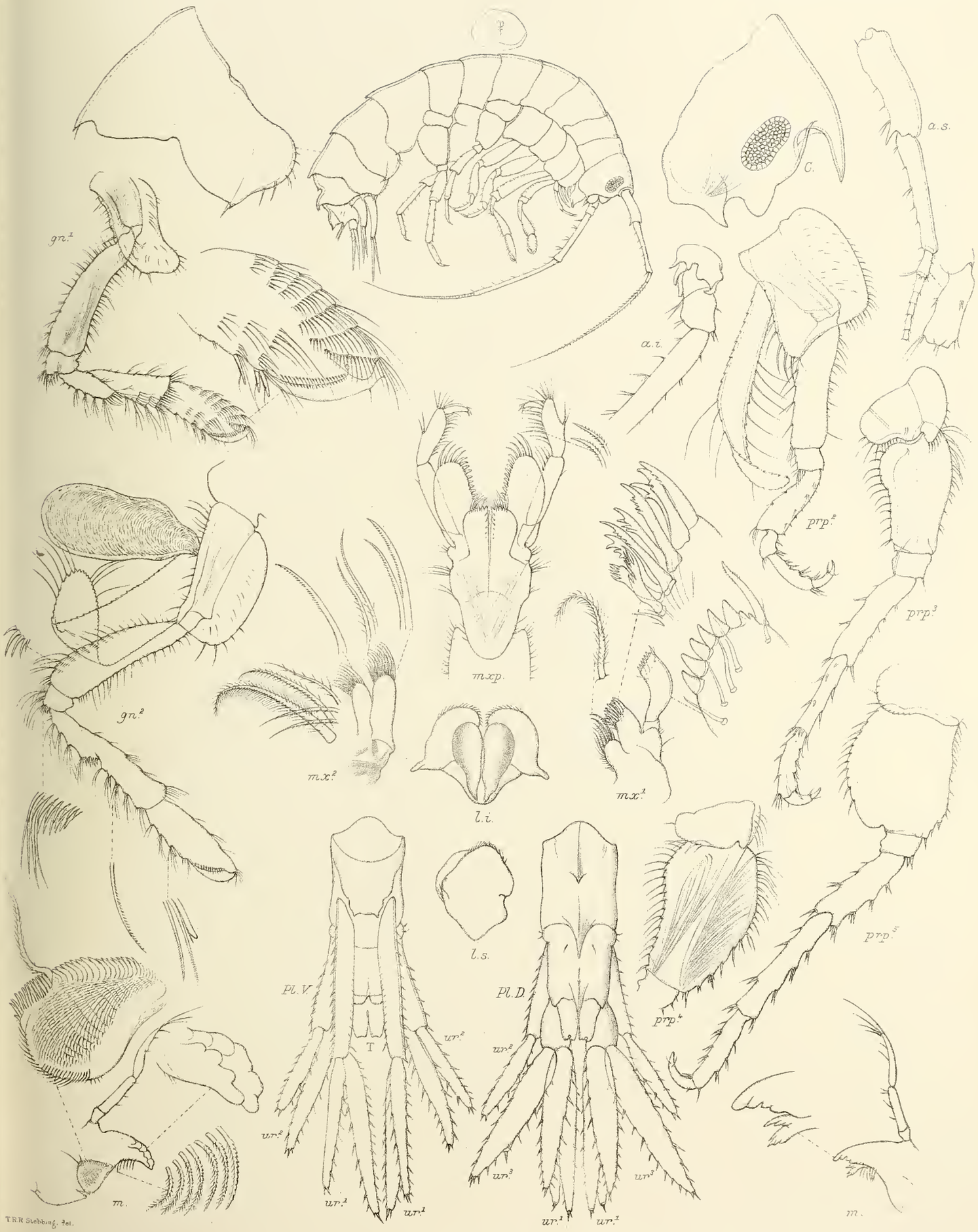


T.R.R. Stebbing, del.

Reid & Cowie Lith. Edin.r

HALIRAGES HUXLEYANUS, Spence Bate (sp)

NATURAL HISTORY.

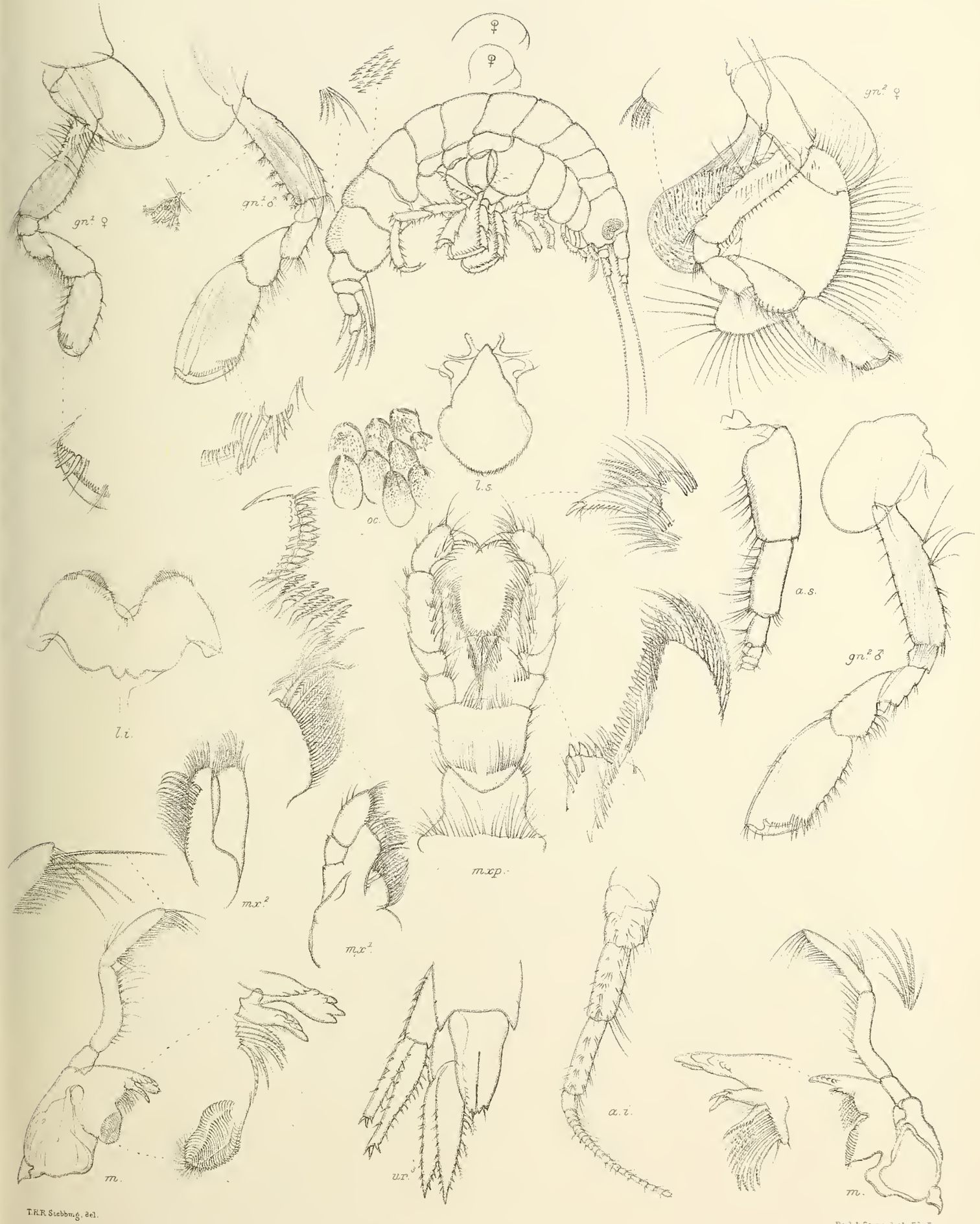


T.R.R. Stebbing, del.

Reid & Cowie, Lith. Edin.r

ATYLUS HOMOCHIR, Haswell.

NATURAL HISTORY

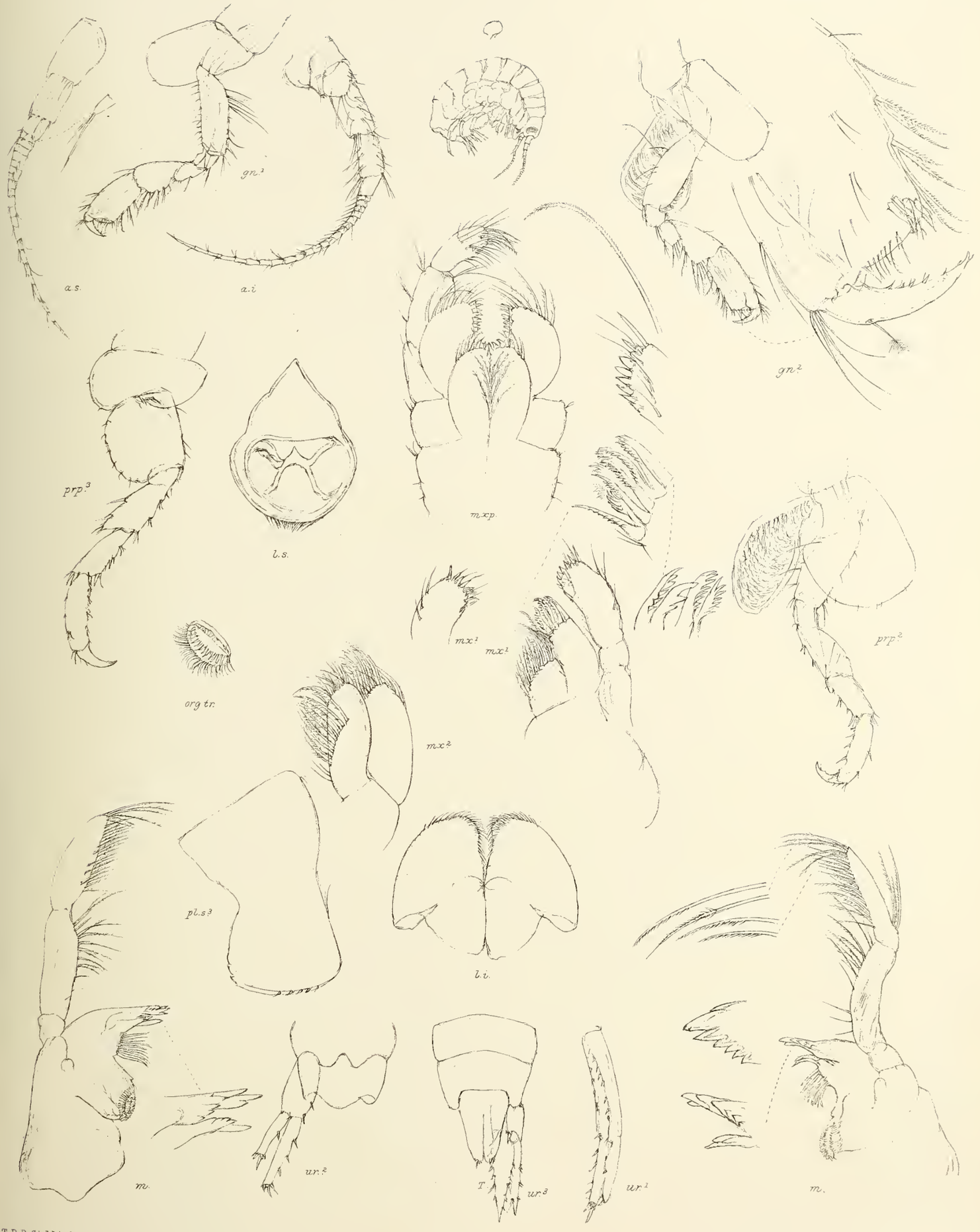


T.R.R. Stebbing, del.

Reid & Cowie Lith. Edin.

ATYLOIDES AUSTRALIS, Miers (sp.)

NATURAL HISTORY

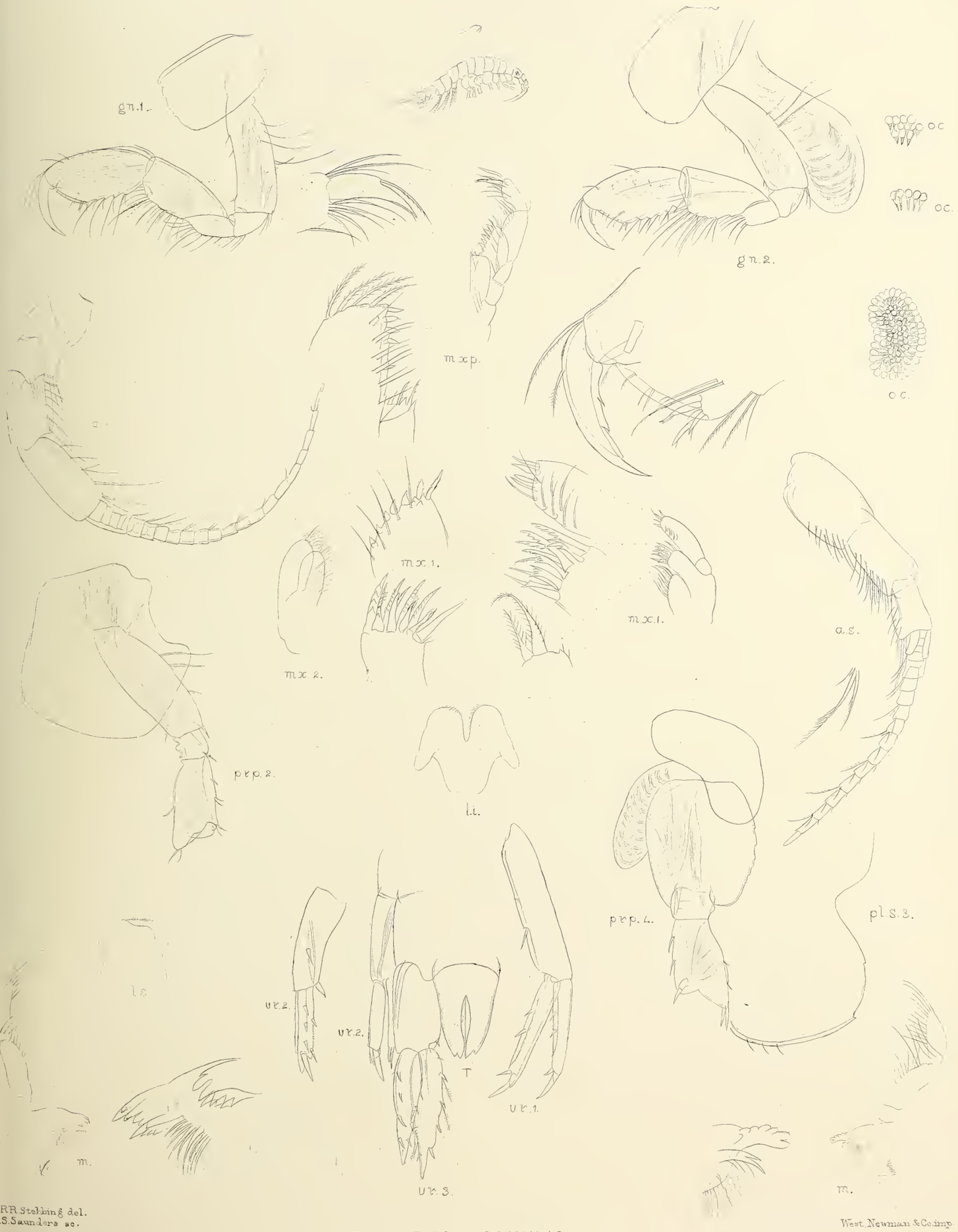


T.R.R.Stebbing del.

F.Huth, Lith.ᵗ Edin.ᵗ

ATYLOIDES AUSTRALIS, Miers. (sp.).

NATURAL HISTORY

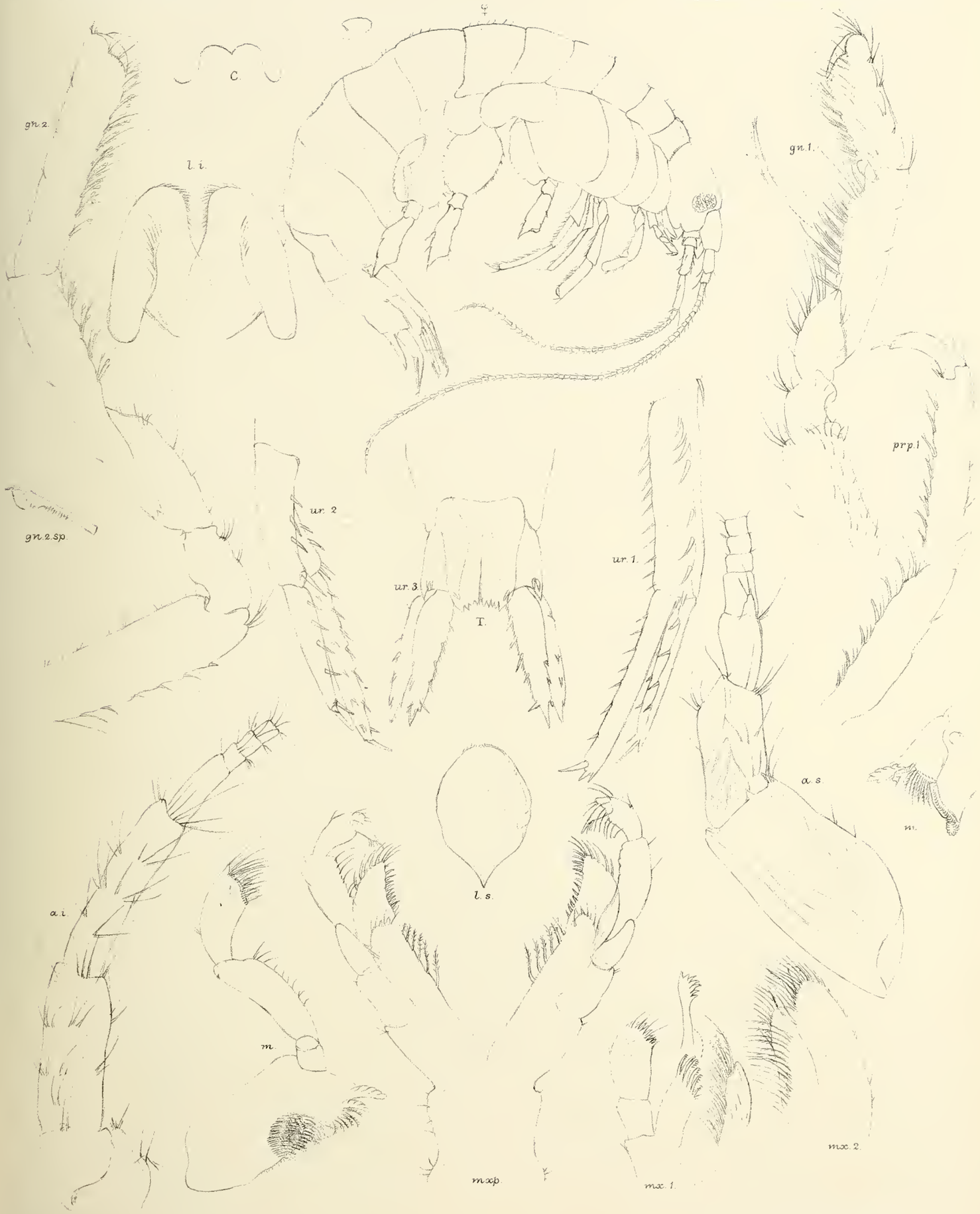


T.R.R. Stebbing del.
G.S. Saunders sc.

ATYLOIDES ASSIMILIS, n. sp.

West, Newman & Co. imp.

NATURAL HISTORY.

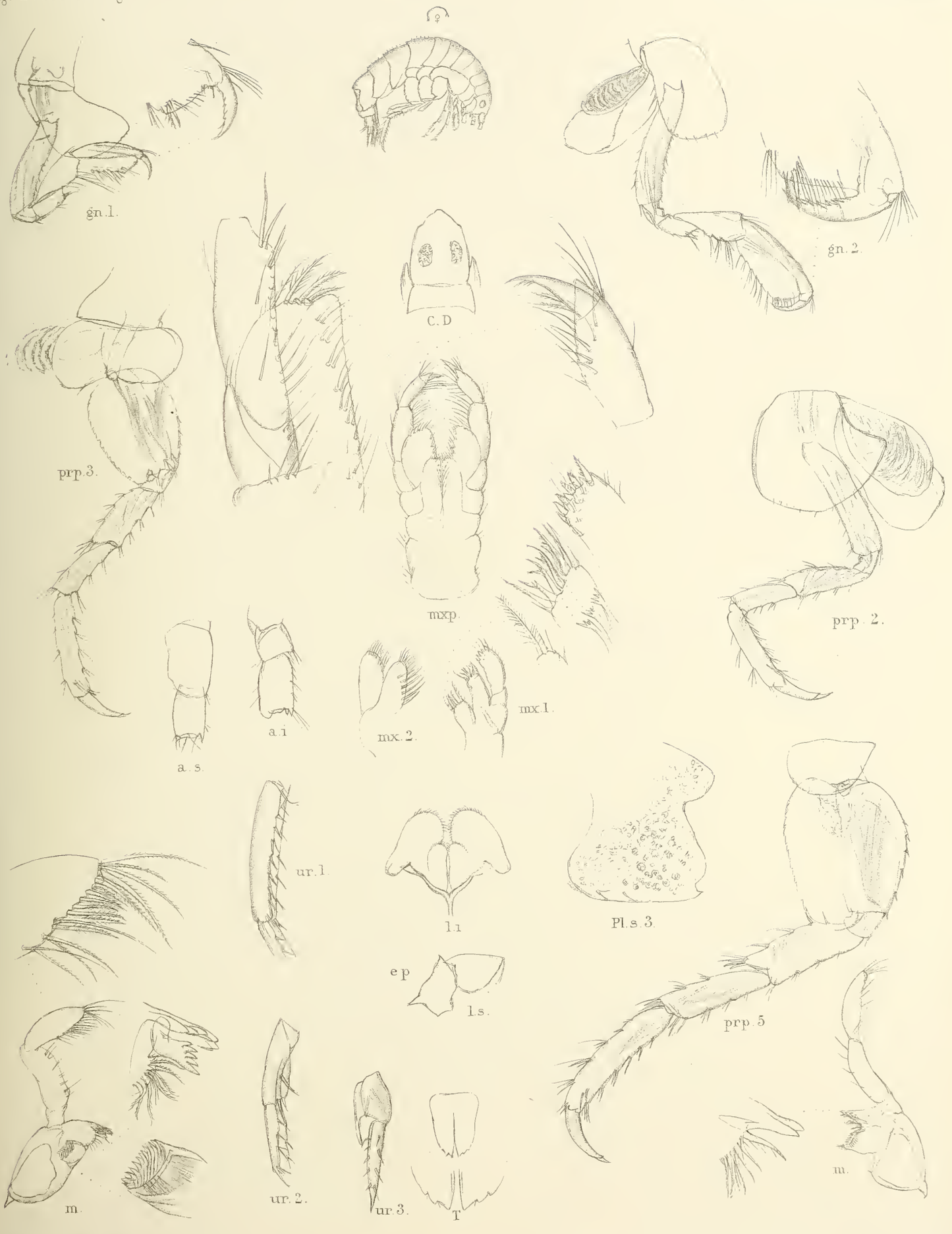


T.R.R. Stebbing del.

Parker & Coward, lith.
West, Newman & Co imp.

ATYLOIDES SERRATICAUDA, n. sp.

NATURAL HISTORY.



J. R. R. Stebbing del. F. H. Michael lith.

Hanhart Bros. imp.

ATYLOPSIS MAGELLANICUS, n. sp.

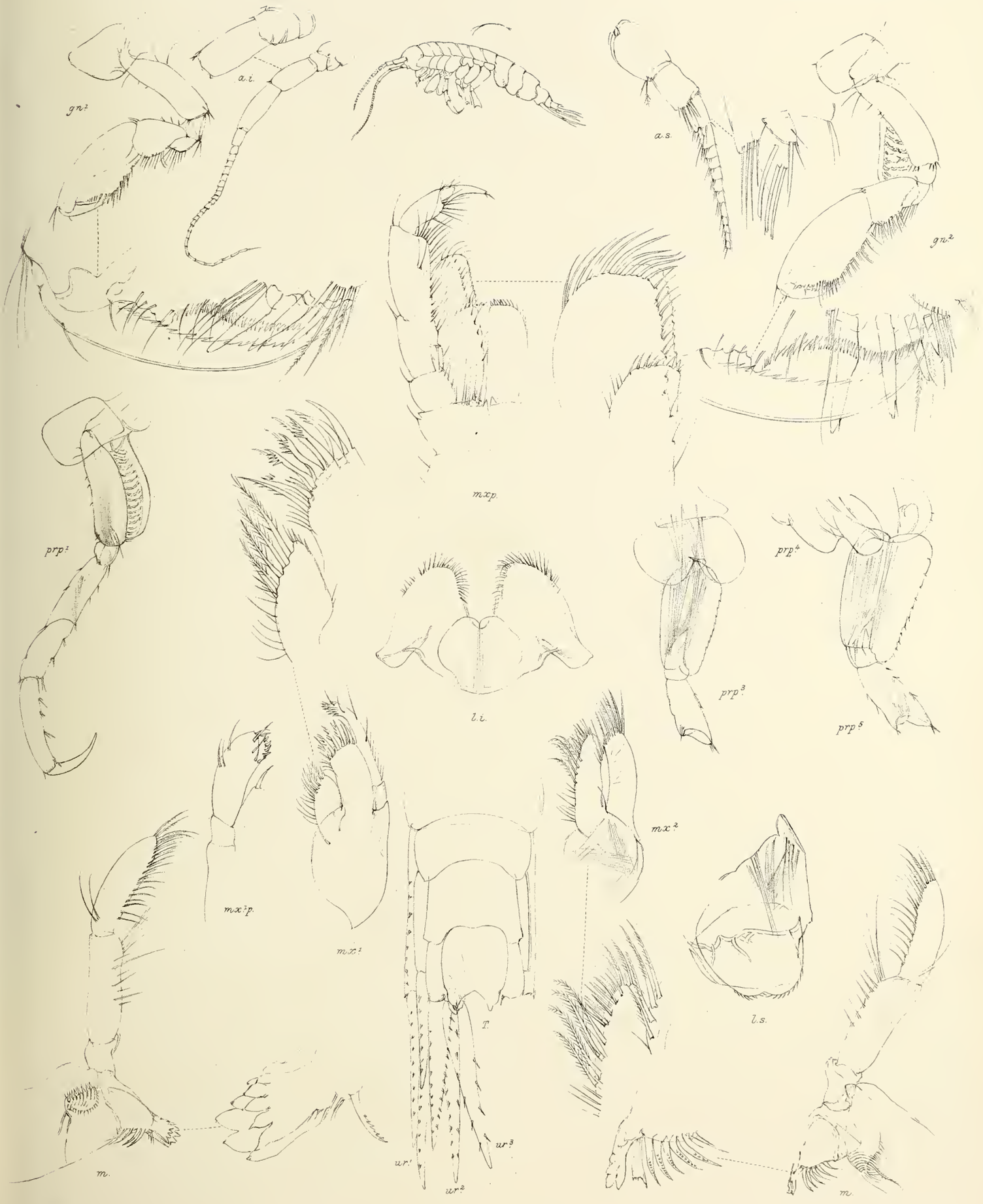
NATURAL HISTORY

T.R.R. Stebbing del.

F. Huth, Lith.r Edin.r

ATYLOPSIS DENTATUS, n. sp.

BRITISH MUSEUM
NATURAL HISTORY

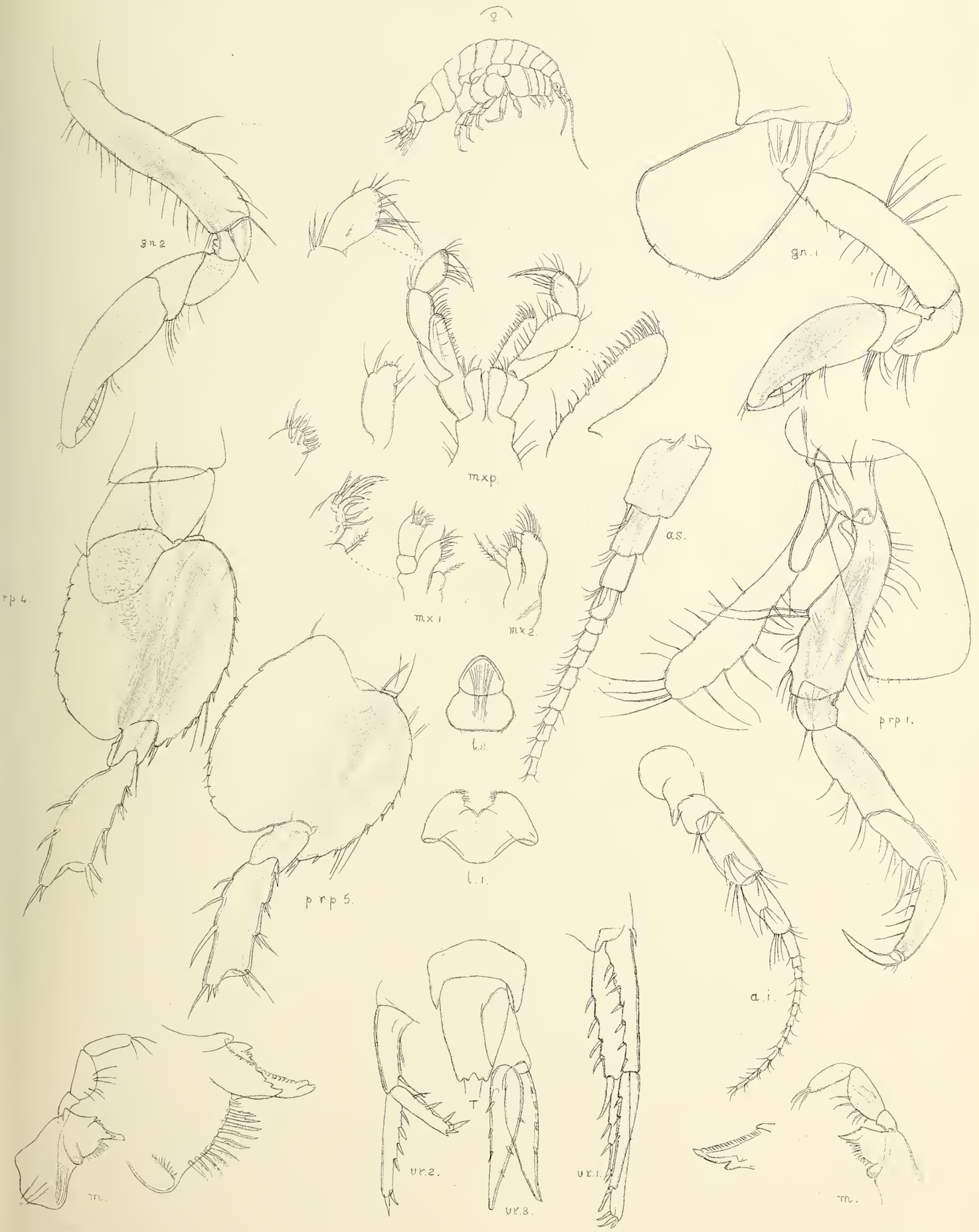


T.R.R. Stebbing del.

F. Huth, Lith^r Edin^r

ATYLOPSIS EMARGINATUS, n. sp.

BRITISH MUSEUM
NATURAL HISTORY

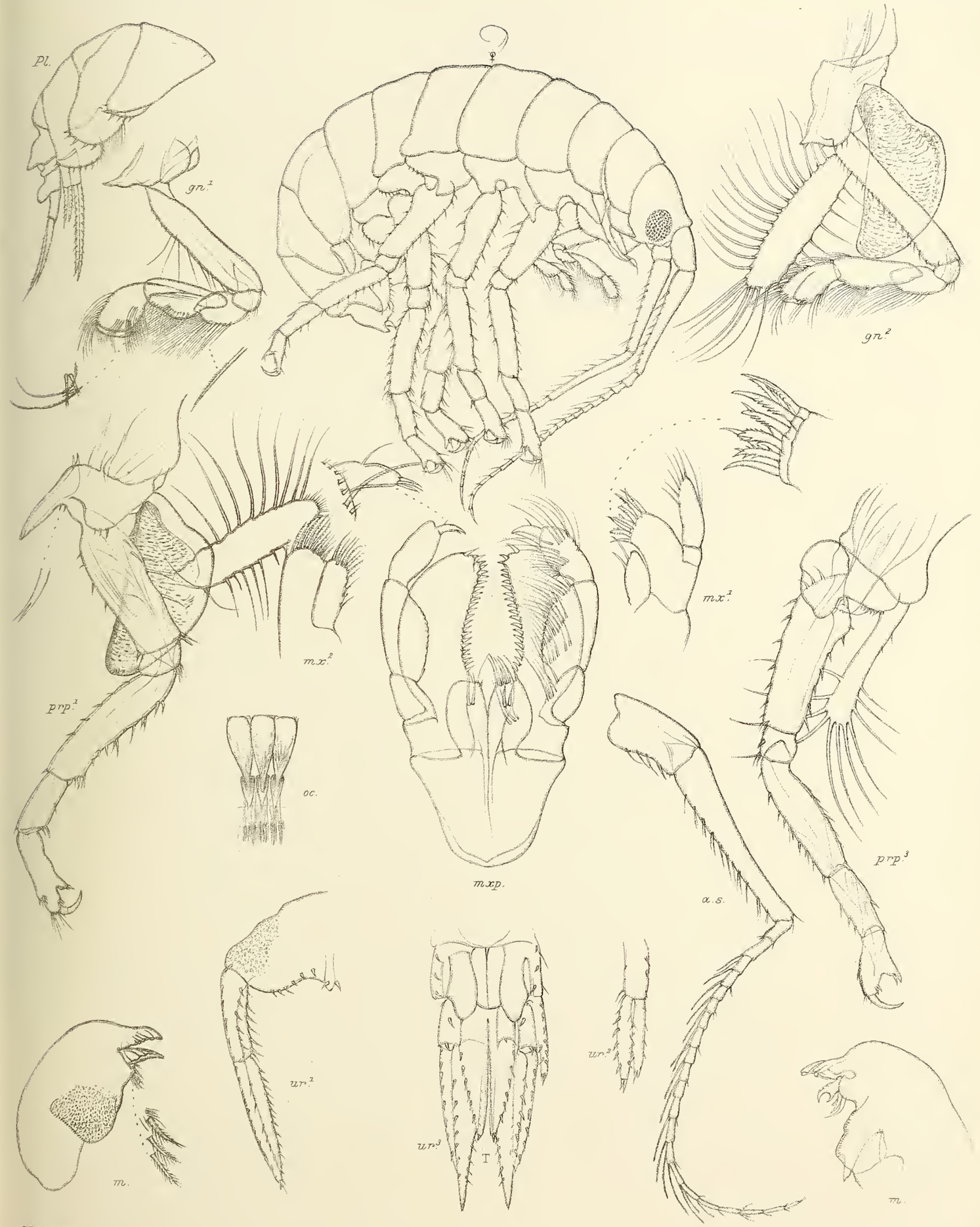


T.R.R. Stebbing del.
G.S. Saunders lith.

West, Newman & Co. imp.

HARPINIOIDES · DREPANOCHEIR, n. sp.

BRITISH MUSEUM
NATURAL HISTORY

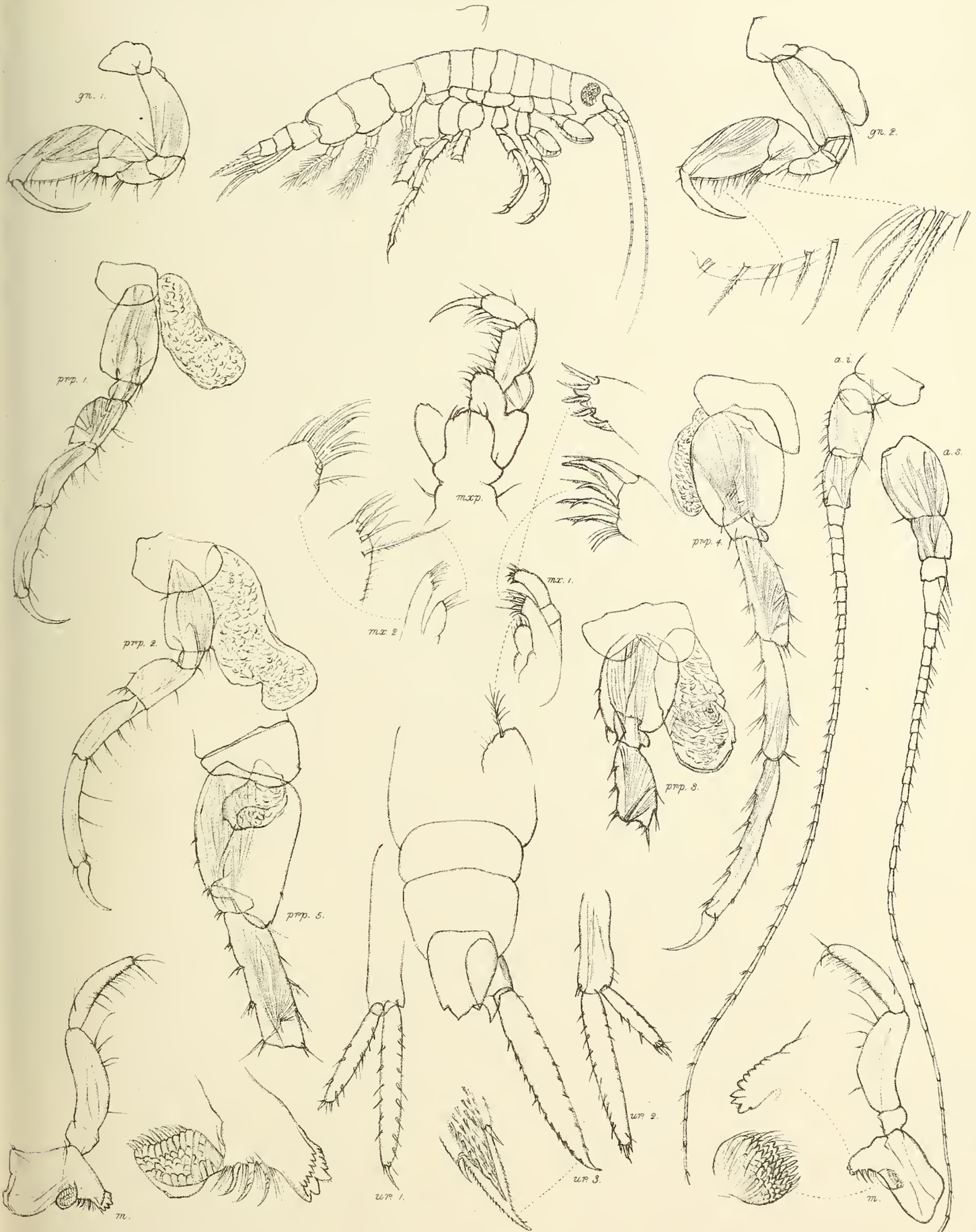


T.R.R. Stebbing, del.

Reid & Cowie, Lith. Edin.

TRITAETA KERGUELENI, n. sp.

BRITISH MUSEUM
NATURAL HISTORY

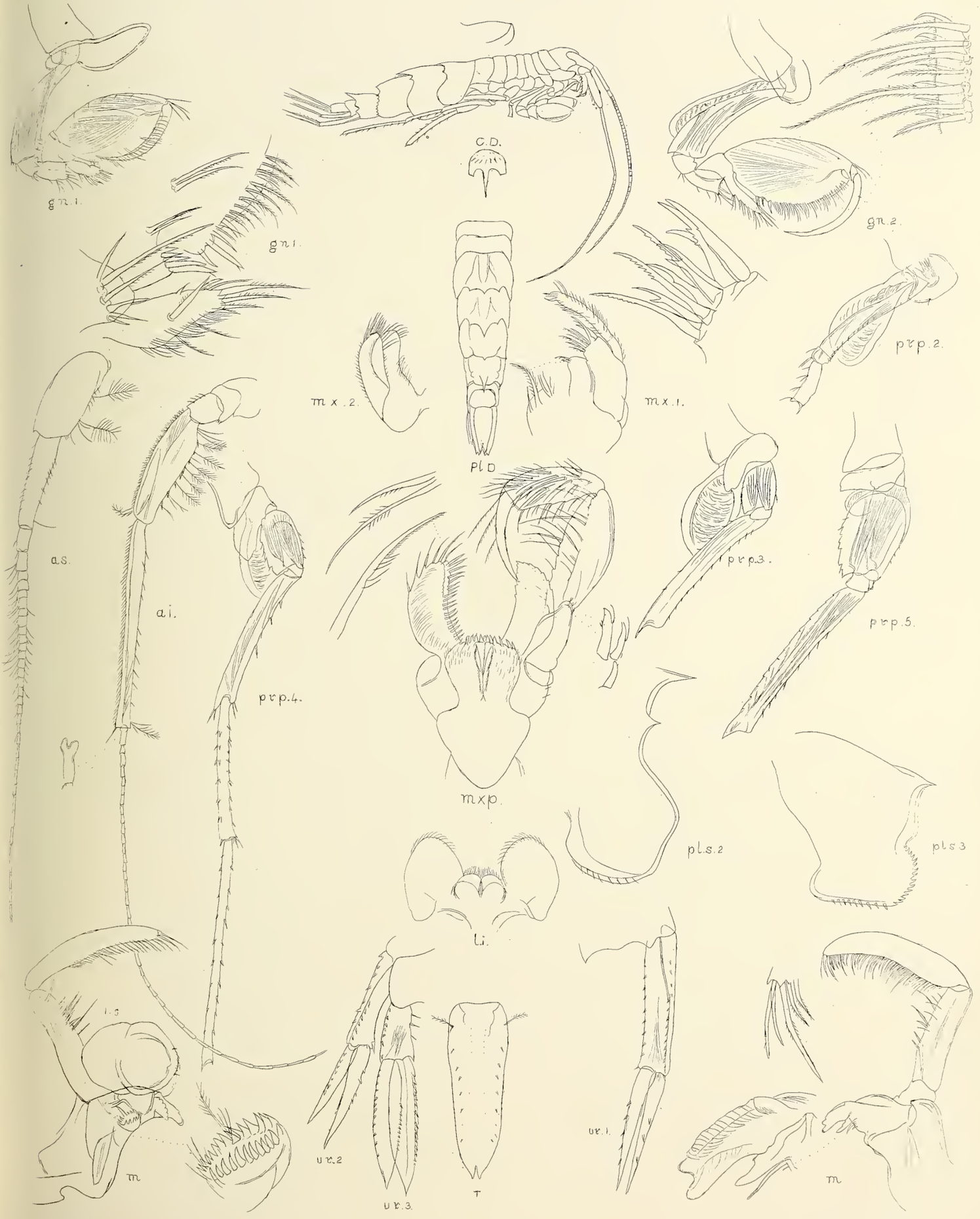


R. Stebbing, del.

McFarlane & Erskine, Lith.rs Edin.r

STENOPLEURA ATLANTICA, n. g. et sp.

BRITISH MUSEUM
NATURAL HISTORY

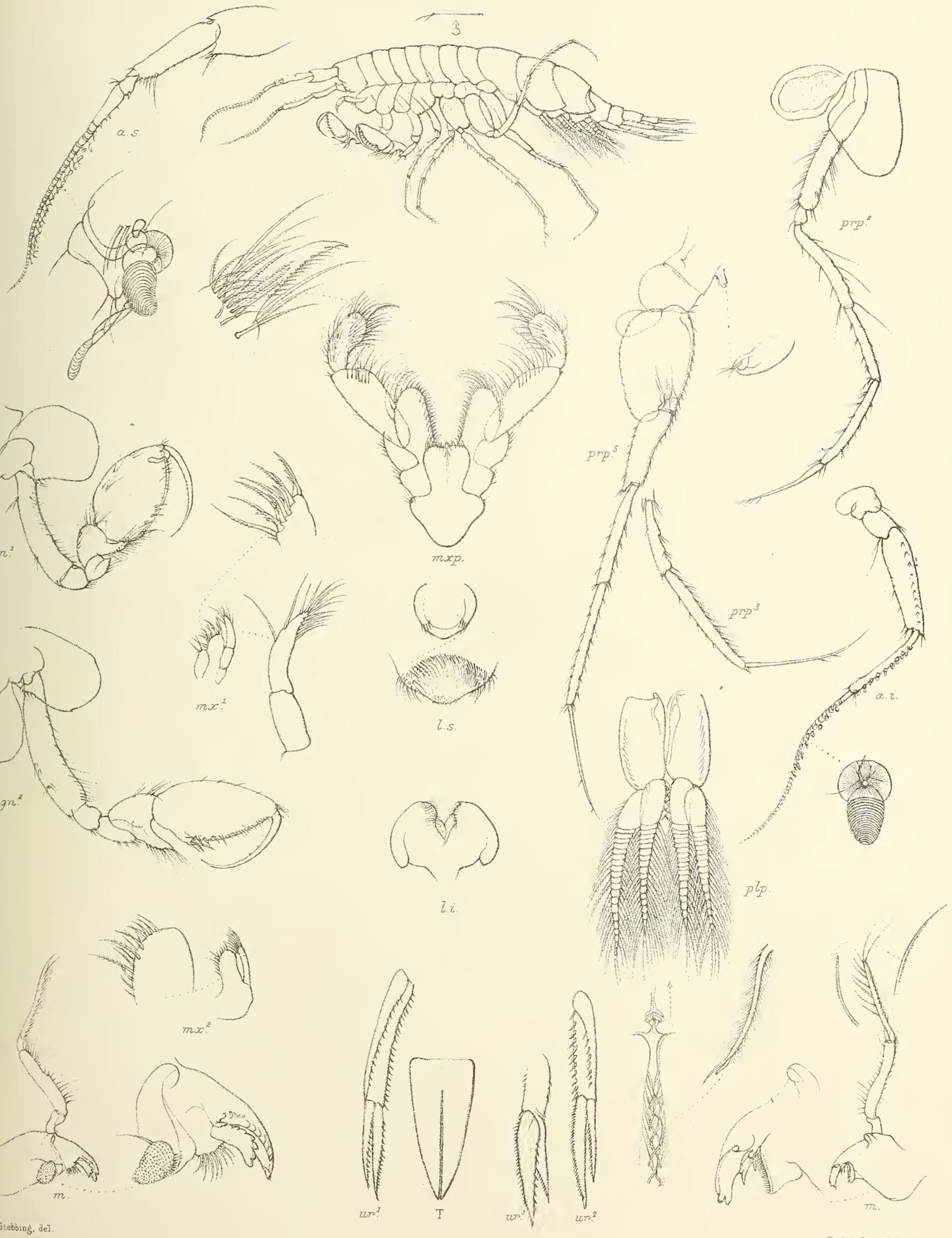


TRR.Stebbing del.
C.S.Saunders sc.

West, Newman & Co. imp.

RHACHOTROPIS KERGUELENI, n. sp.

BRITISH MUSEUM
NATURAL HISTORY

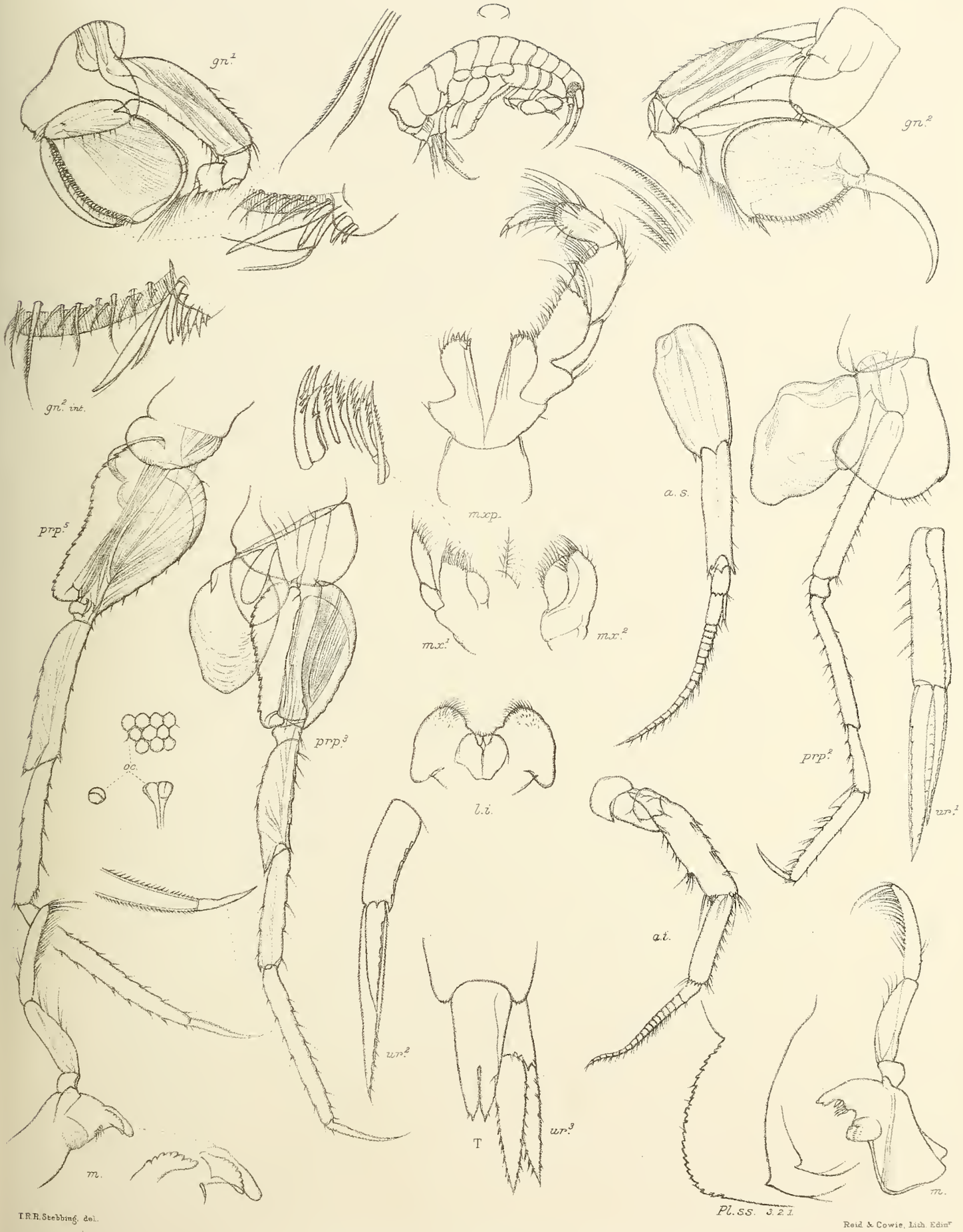


T.R.R. Stebbing, del.

Reid & Cowie. Lith. Edin.

CLEONARDO LONGIPES, n. g. et sp.

BRITISH MUSEUM
NATURAL HISTORY



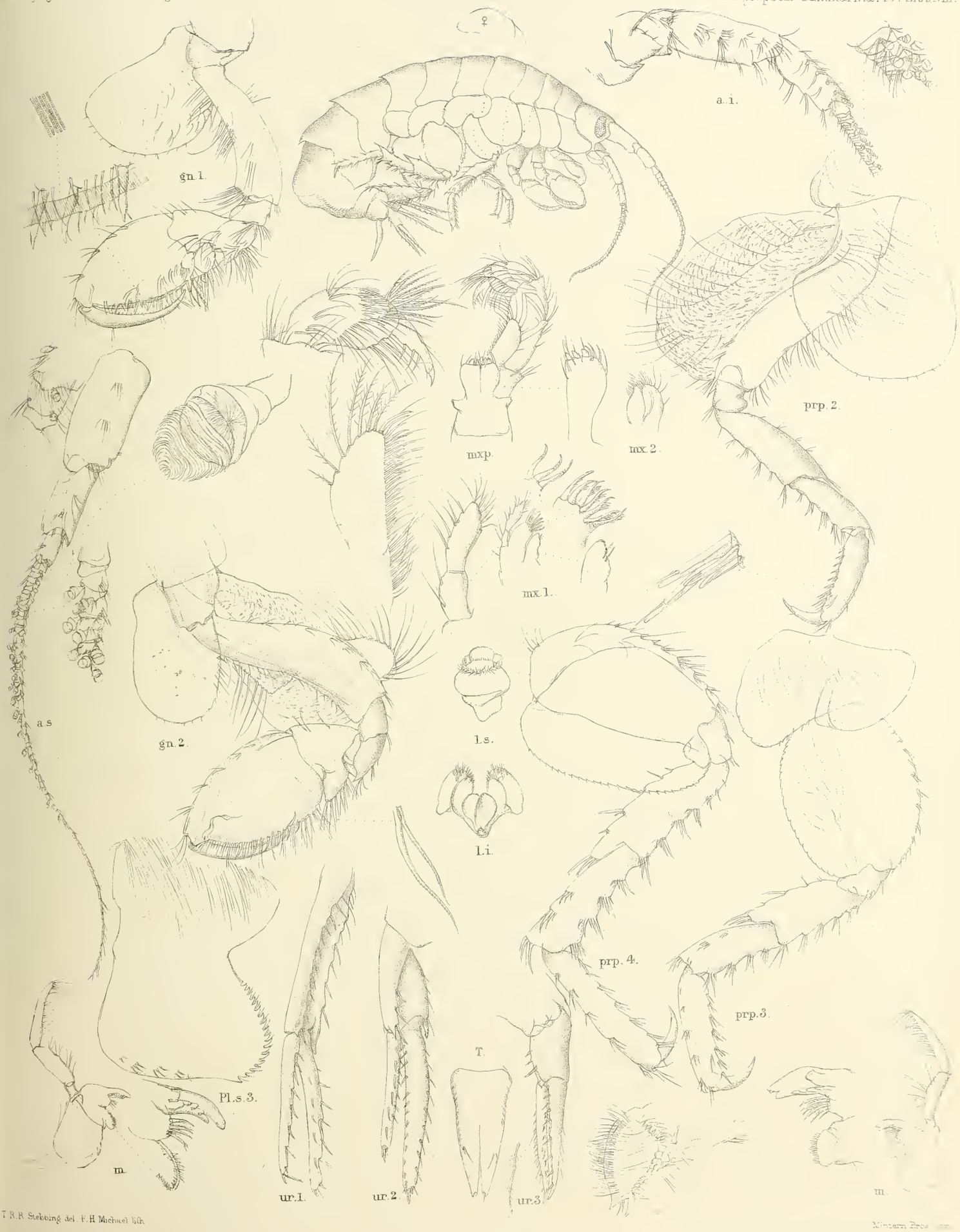
I.R.R. Stebbing, del.

Pl. SS. 3.2.1.

Reid & Cowie, Lith. Edin.r

EUSIRUS LONGIPES, Boeck.

BRITISH MUSEUM
NATURAL HISTORY

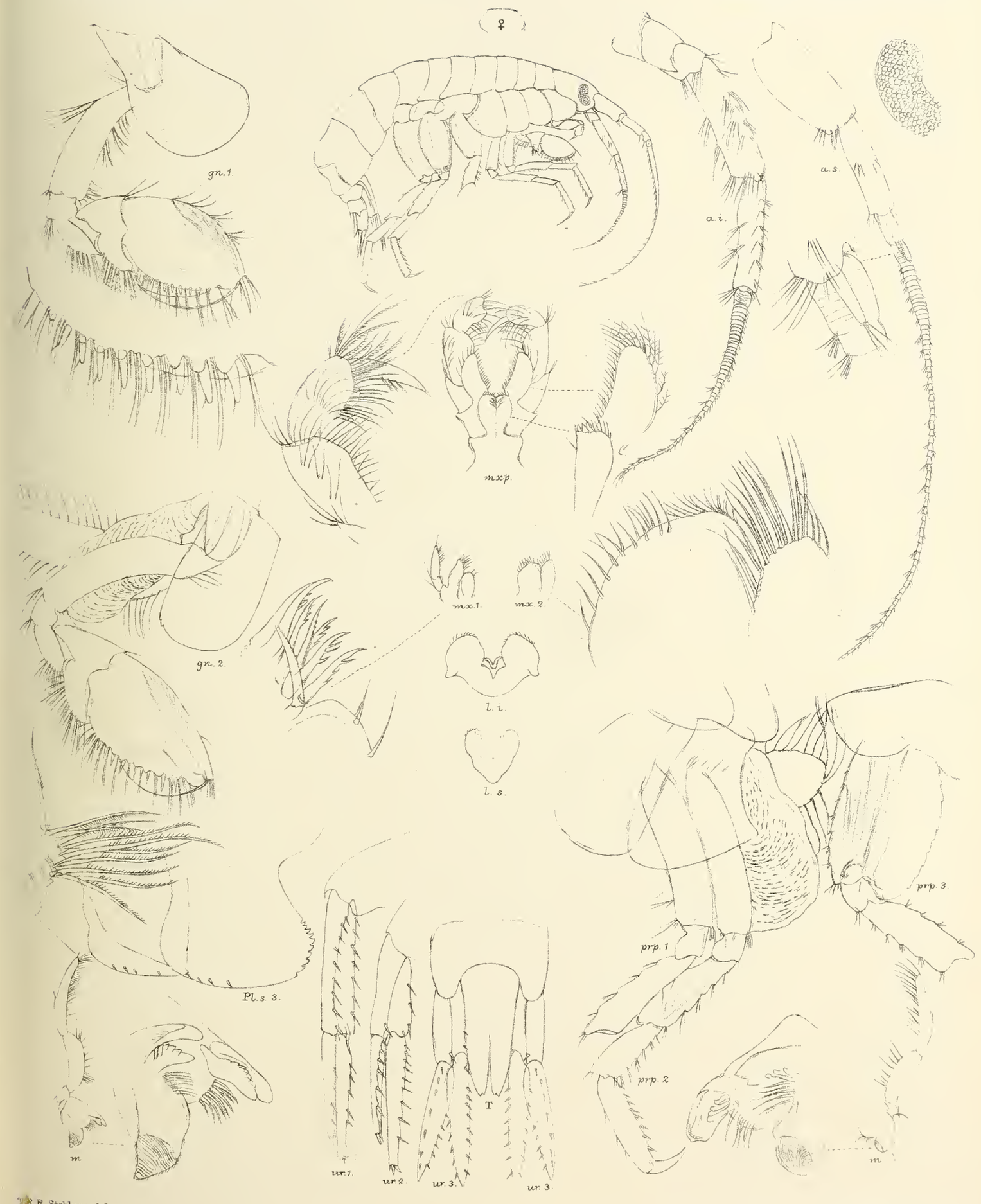


T.R.R. Stebbing del. F.H. Michael lith.

Kintern Bros. imp.

EUSIROIDES CÆSARIS, n.g. et sp.

BRITISH MUSEUM
NATURAL HISTORY.

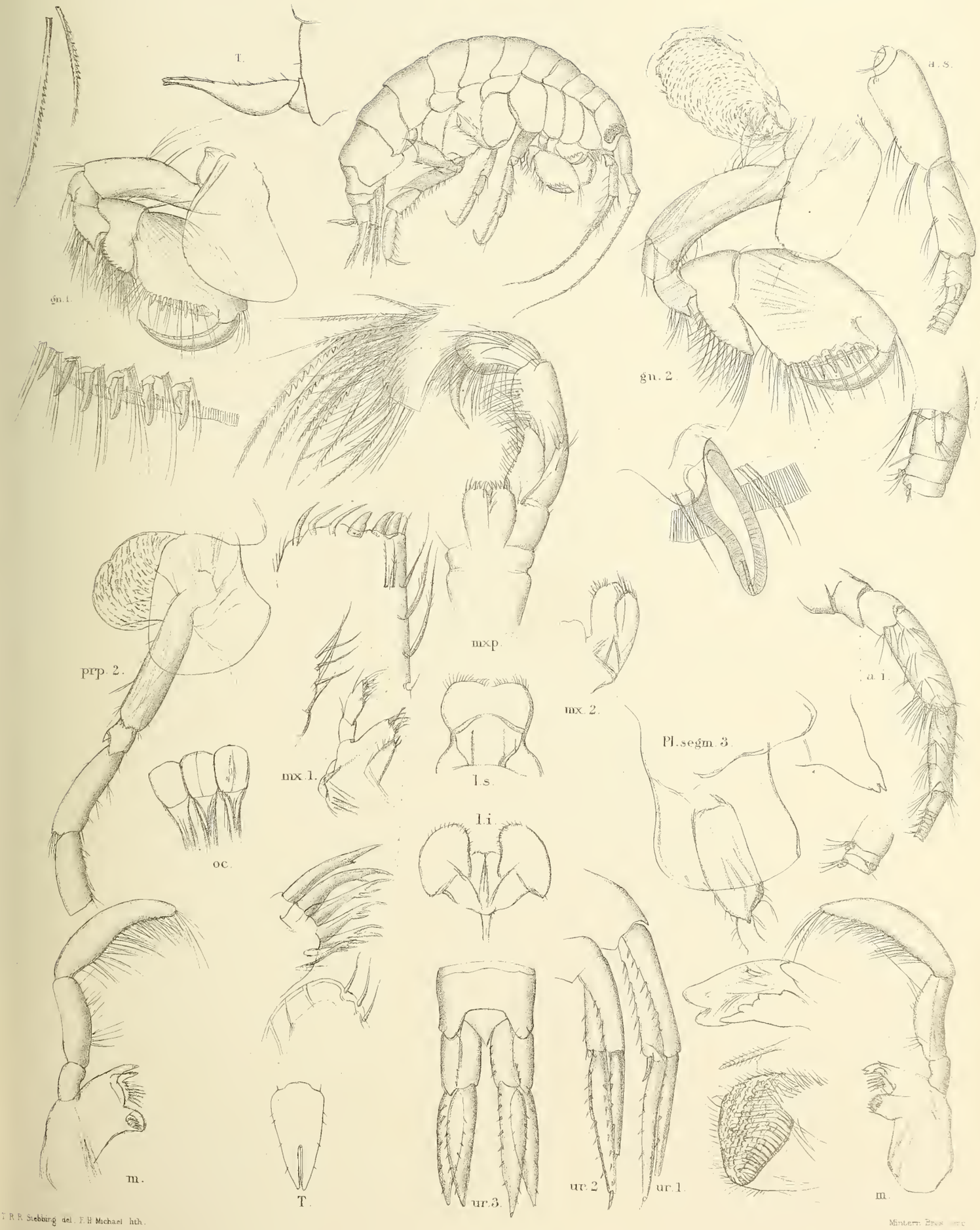


W. R. Stebbing del.

Parker & Coward, lith.
West, Newman & C° imp.

EUSIROIDES POMPEII, n. sp.

BRITISH MUSEUM
NATURAL HISTORY

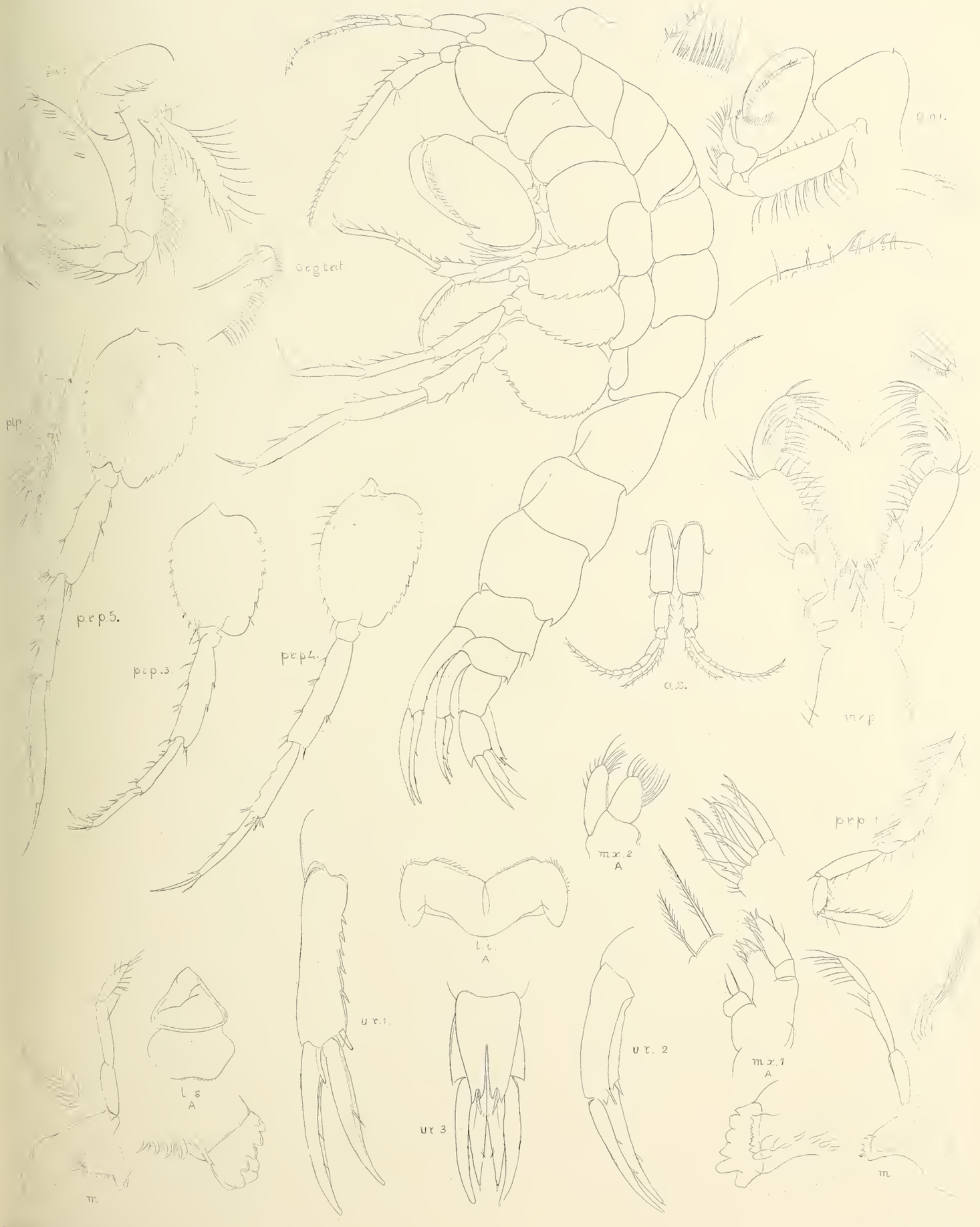


T. R. R. Stebbing del. F. H. Michael lith.

Mintern Bros. imp.

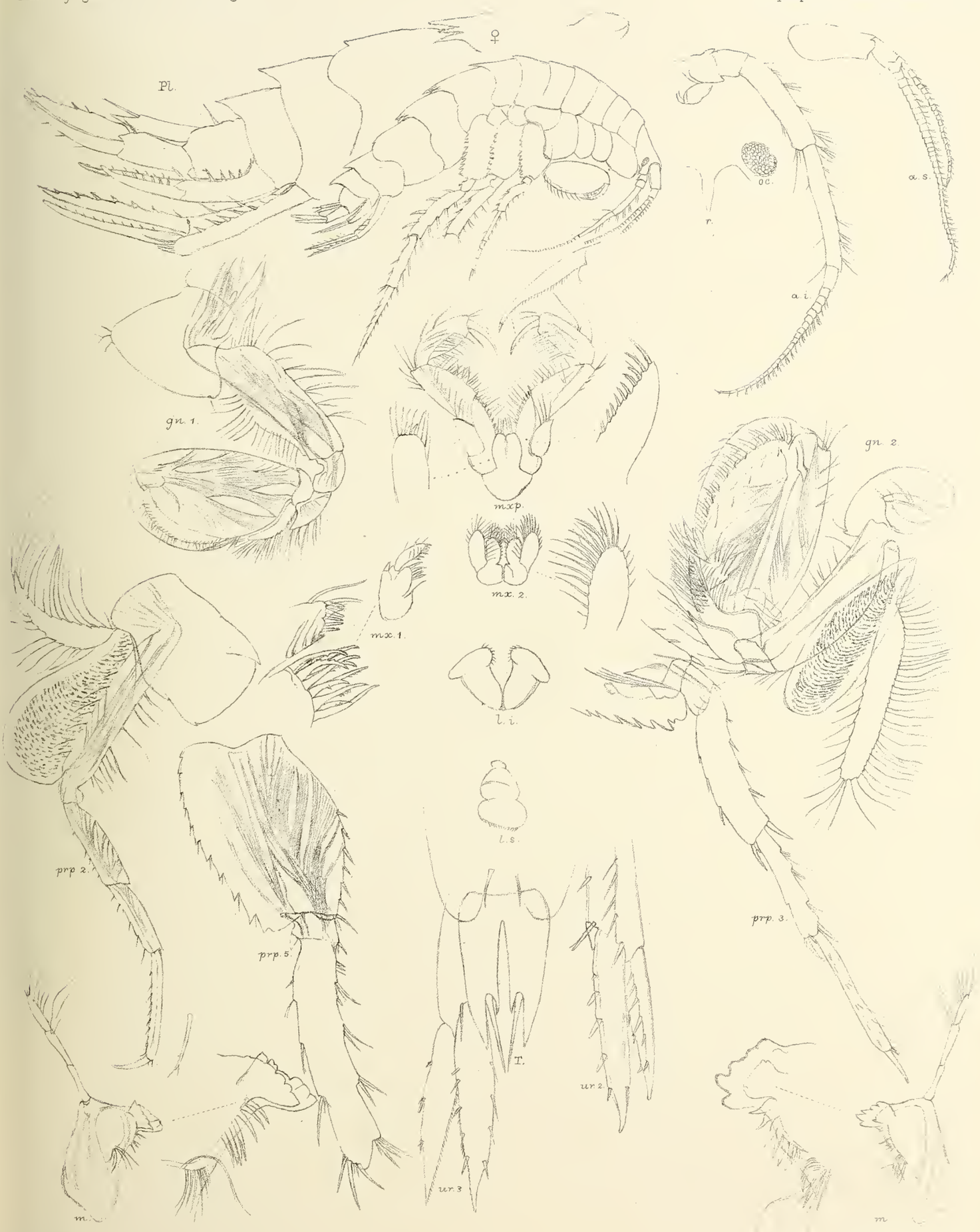
EUSIROIDES CRASSI, n. sp.

BRITISH MUSEUM
NATURAL HISTORY



LILLJEBORGIA CONSANGUINEA, n. sp.

NATURAL HISTORY

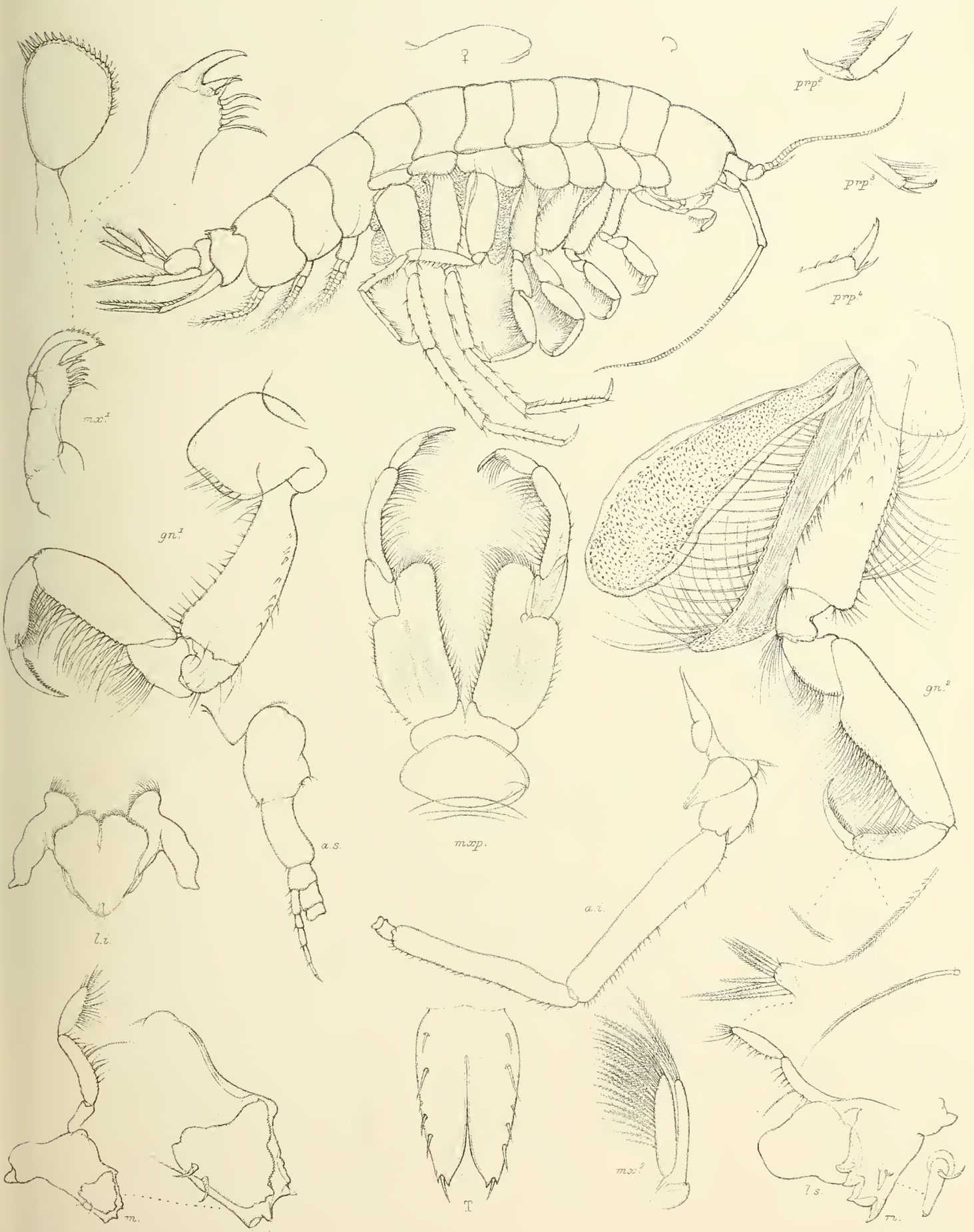


T.R.R. Stebbing del.

Parker & Coward. lith.
West Newman & C° imp.

LILLJEBORGIA HASWELLI, n. sp.

BRITISH MUSEUM
NATURAL HISTORY

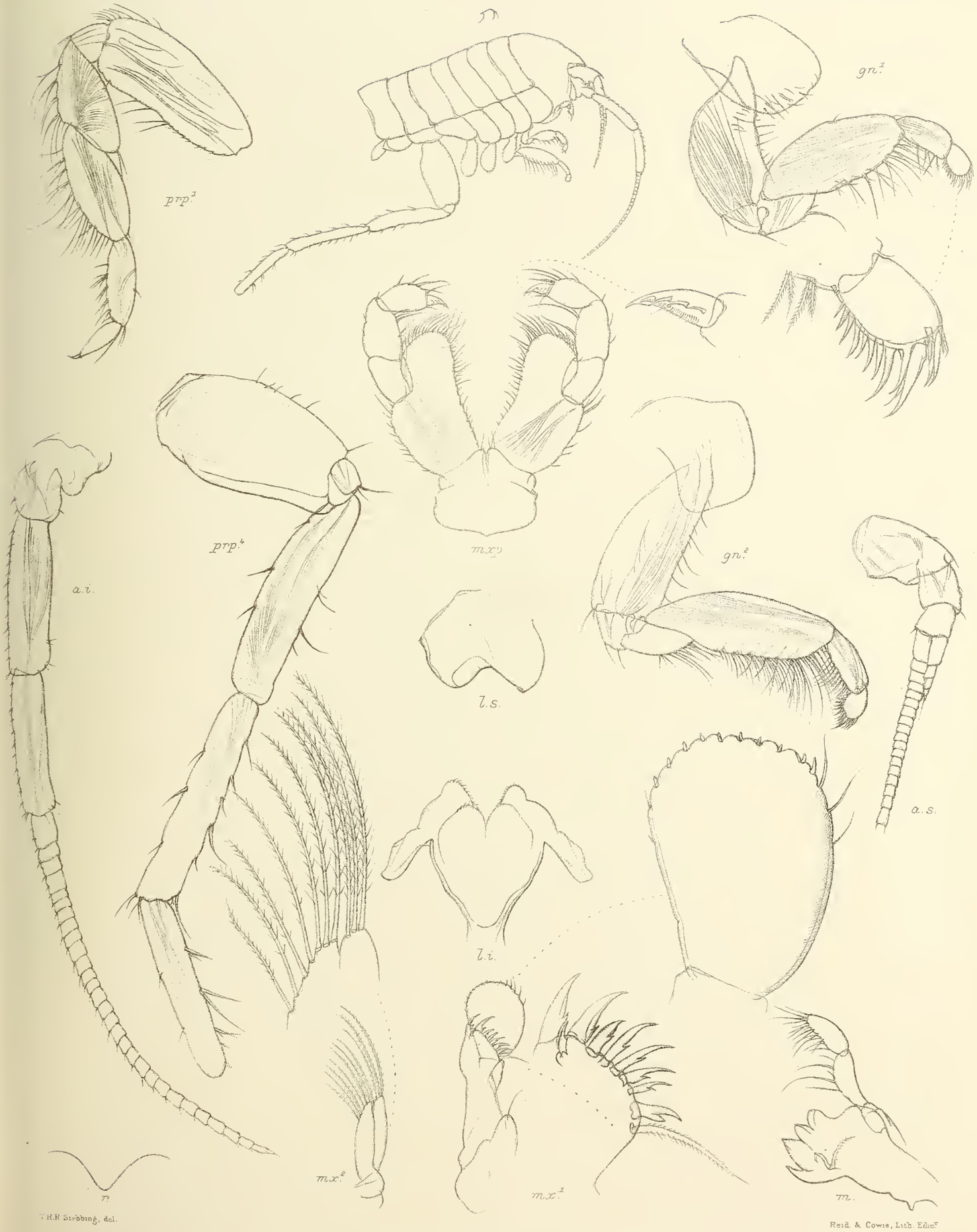


T.R.R. Stebbing, del.

Reid & Cowie Lith. Edinr.

PARDALISCA ABYSSI, Boeck.

BRITISH MUSEUM
NATURAL HISTORY.

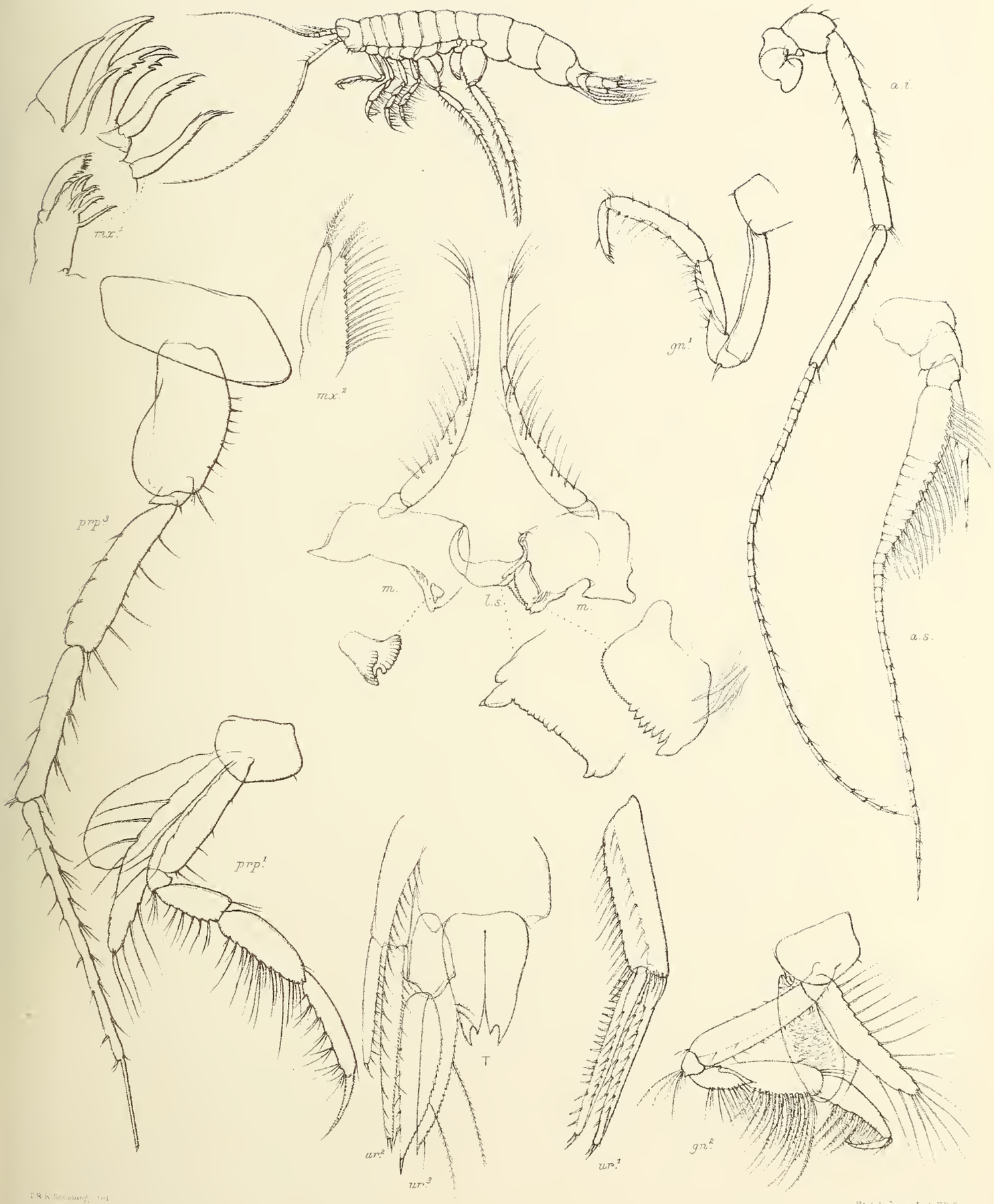


T.R.R. Stebbing, del.

Reid & Cowie, Lith. Edin.

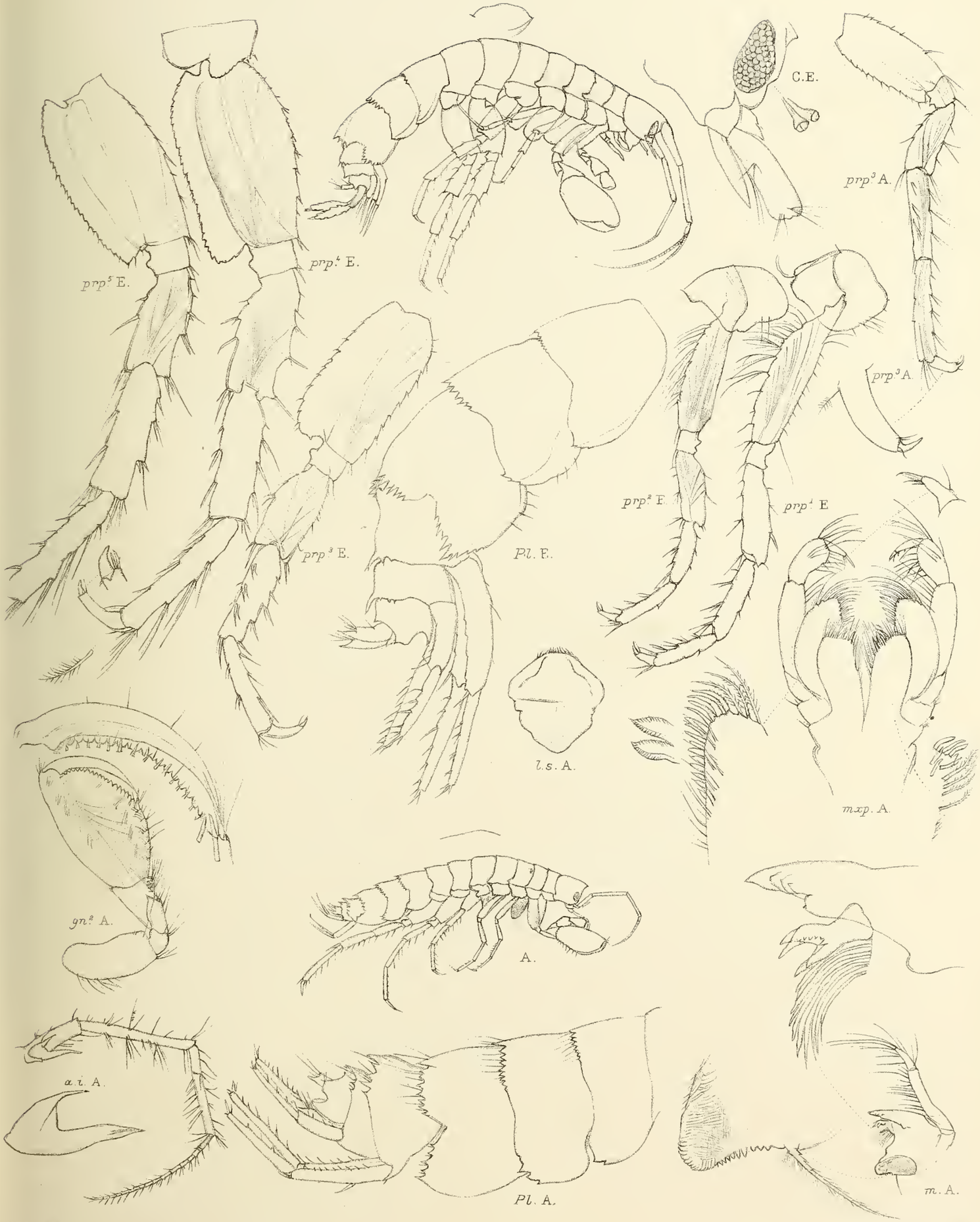
PARDALISCA MARIONIS, n. sp.

NATURAL HISTORY



SYNOPIOIDES MACRONYX, n. g. et sp.

BRITISH MUSEUM
NATURAL HISTORY

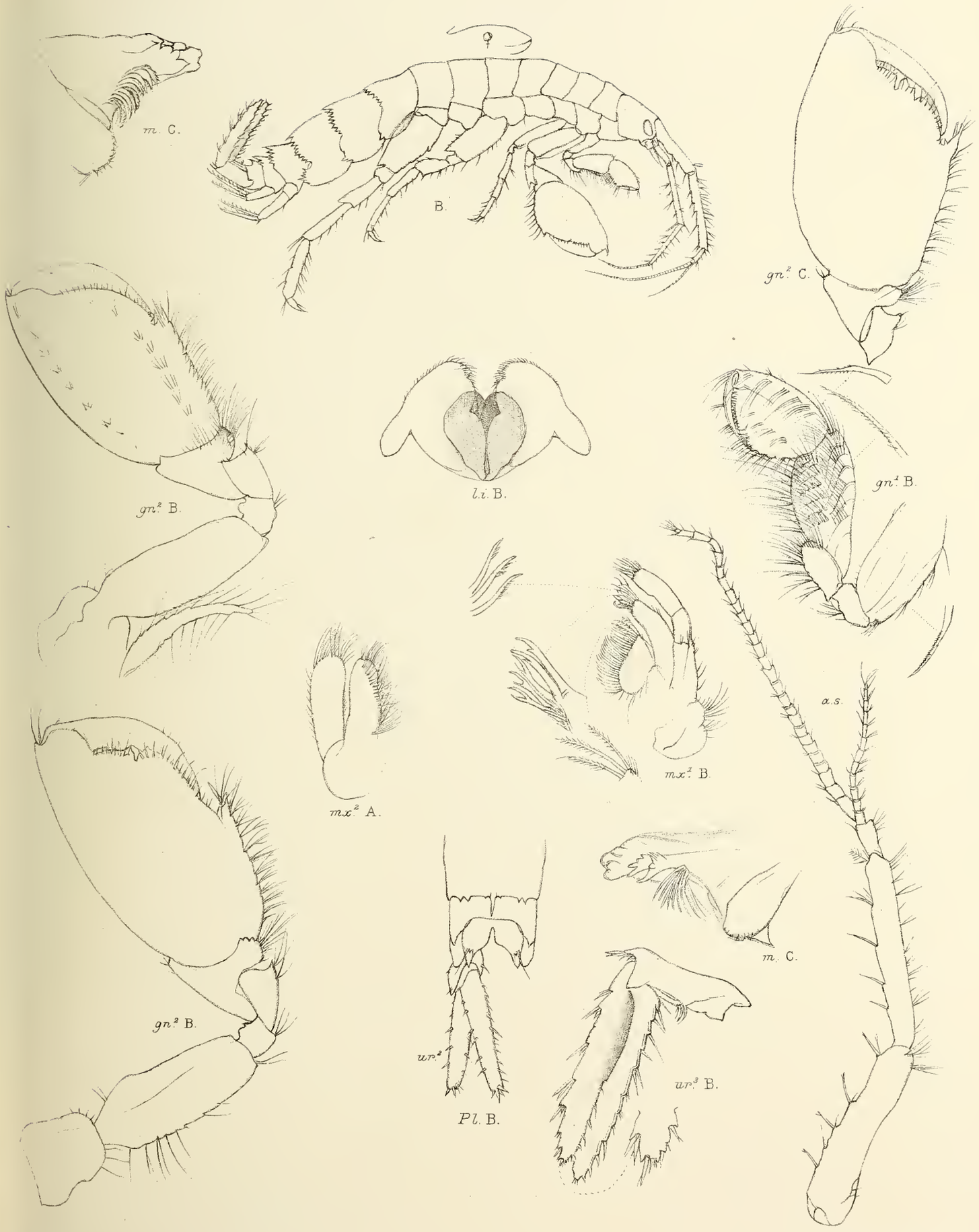


T.R.R Stebbing, del.

M'Farlane & Erskine, Lith^rs Edin^r

MÆRA RUBROMACULATA, Stimpson (sp.).

NATURAL HISTORY.

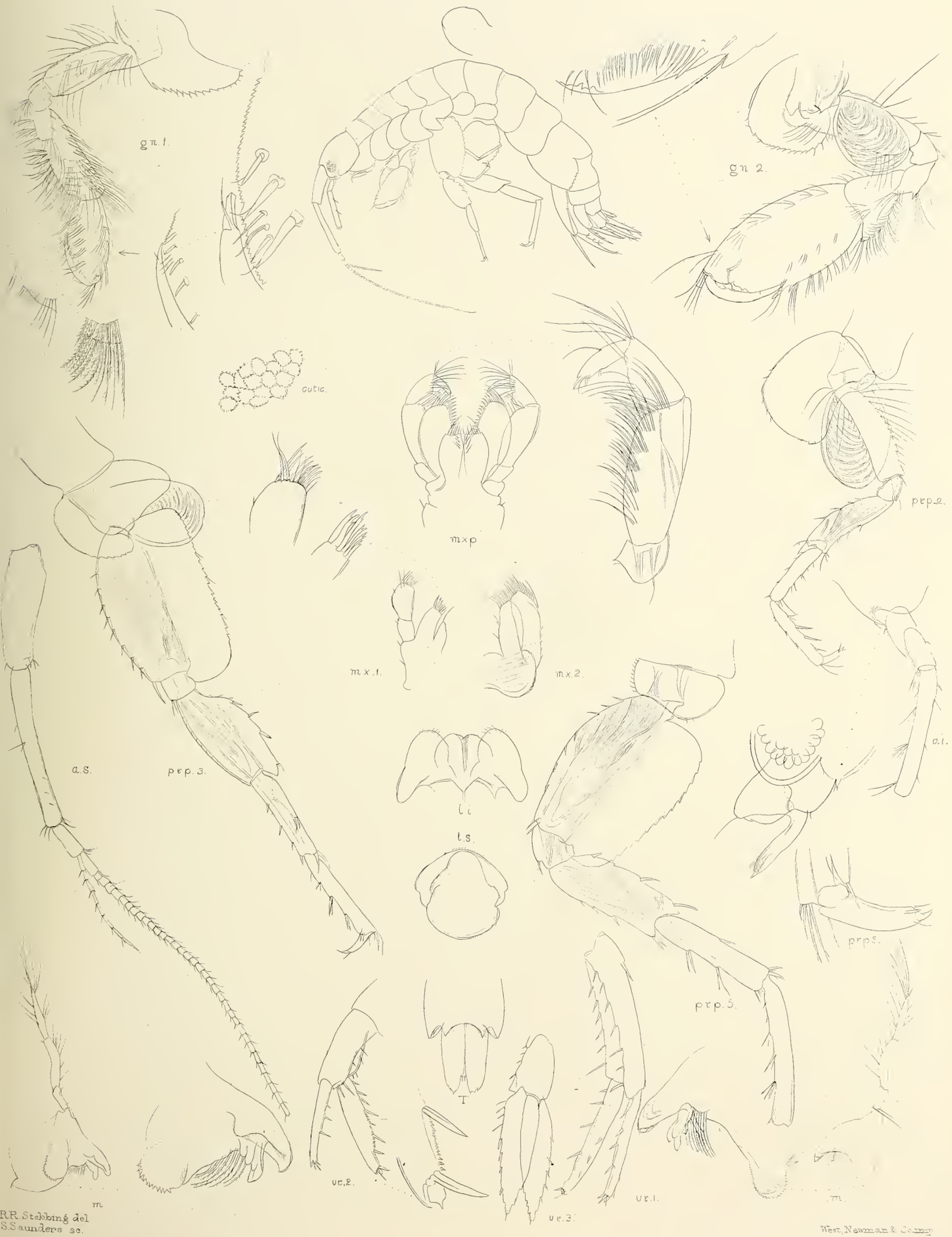


T.R.R. Stebbing, del.

M.ᶜFarlane & Erskine, Lith.ʳˢ, Edin.ʳ

MÆRA RUBROMACULATA, Stimpson (sp.).

BRITISH MUSEUM
NATURAL HISTORY

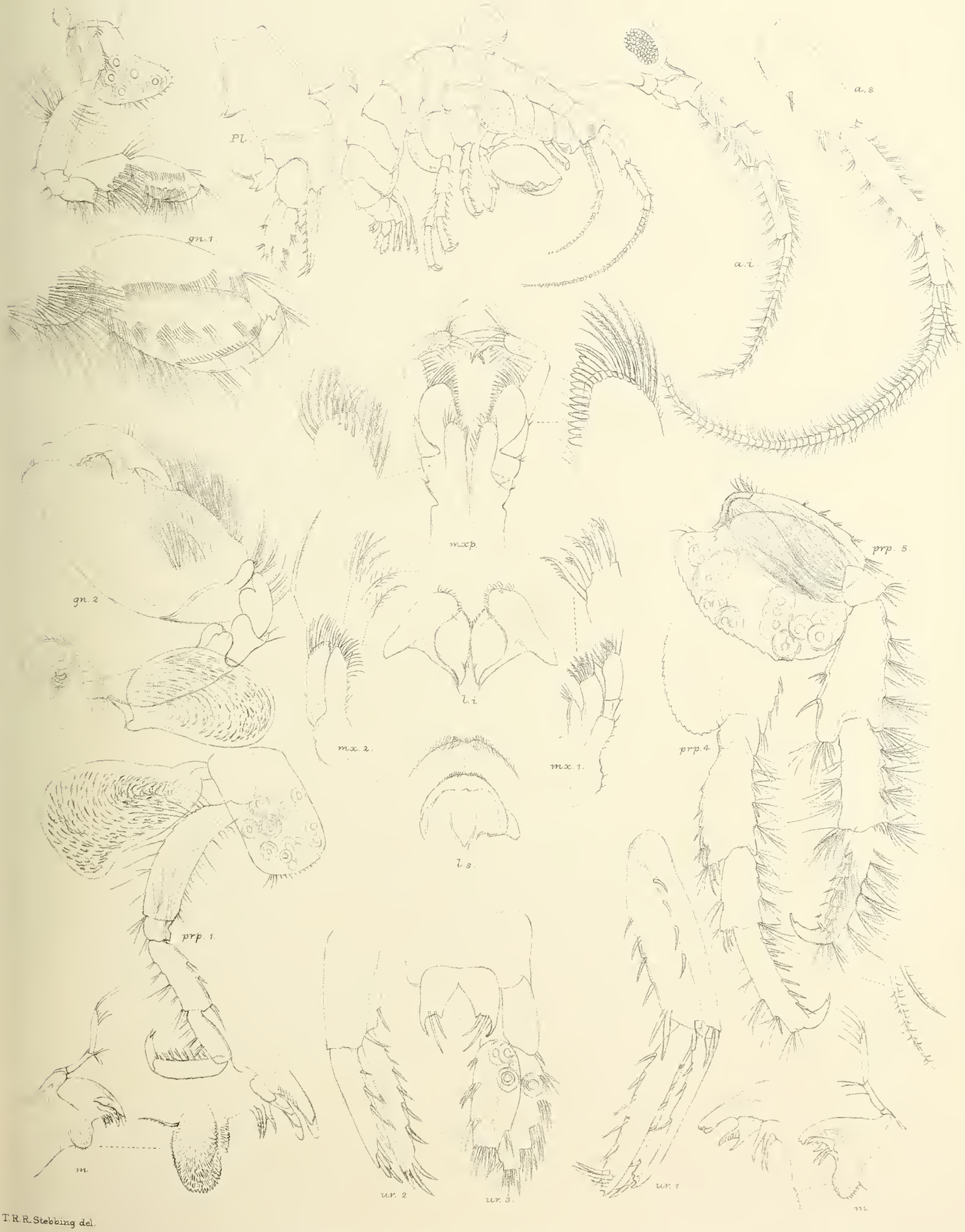


T.R.R. Stebbing del
C.S. Saunders sc.

West, Newman & Comp.

MÆRA BRUZELII, n. sp.

BRITISH MUSEUM
NATURAL HISTORY.

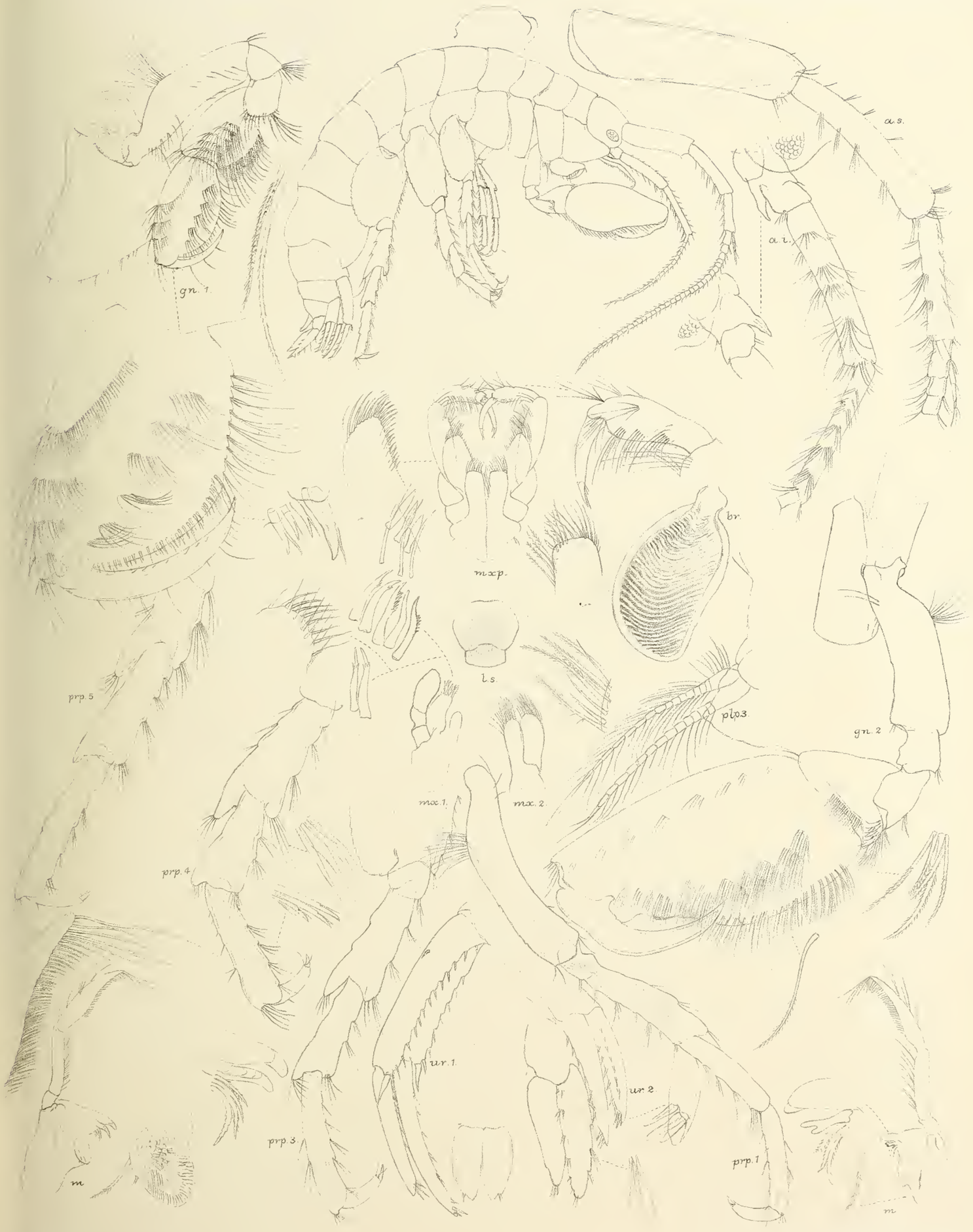


T. R. R. Stebbing del.

ELASMOPUS PERSETOSUS, n. sp.

Parker & Coward, lith.
West Newman & Co imp

BRITISH MUSEUM
NATURAL HISTORY

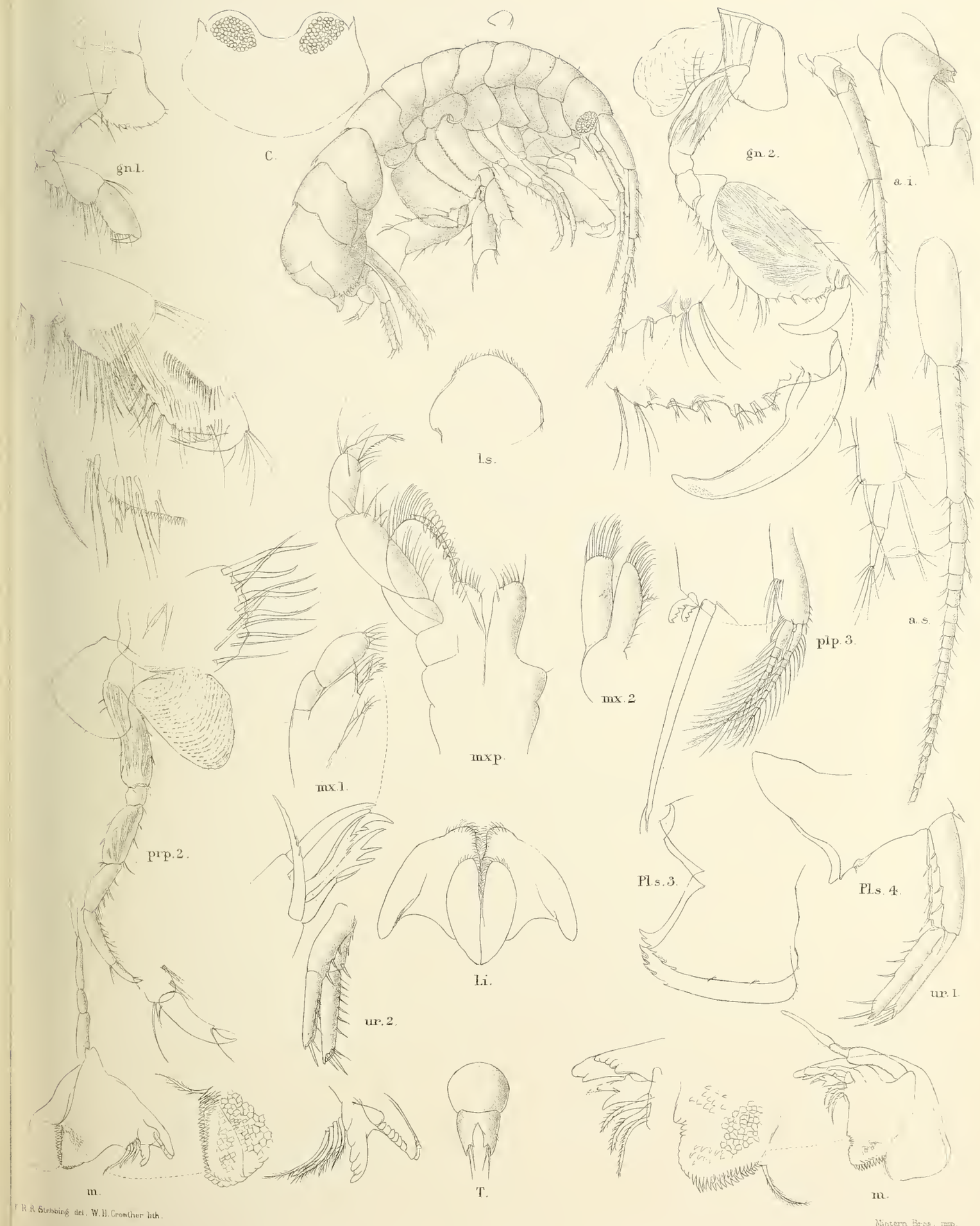


T.R.R. Stebbing del.

Parker & Coward, lith.
West, Newman & Co, imp.

ELASMOPUS DELAPLATA, n. sp.

BRITISH MUSEUM
NATURAL HISTORY



F. R. R. Stebbing del. W. H. Crowther lith.

Mintern Bros. imp.

PARELASMOPUS SULUENSIS, Dana, (sp).

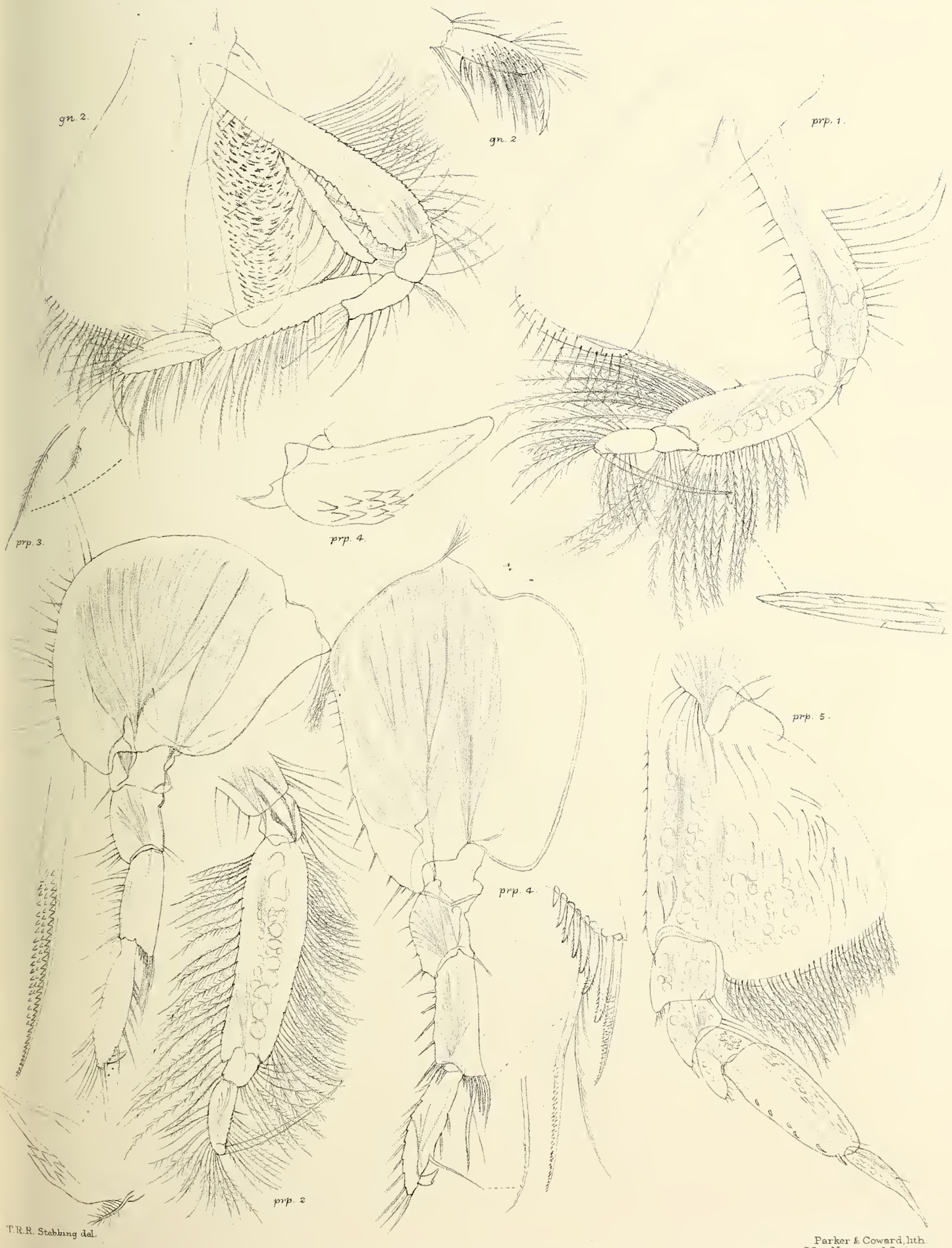
BRITISH MUSEUM
NATURAL HISTORY

R. P. Stebbing del.

AMPELISCA ACINACES, n. sp.

Baker & Cowuru Lith.
West, Newman & Co. imp.

NATURAL HISTORY

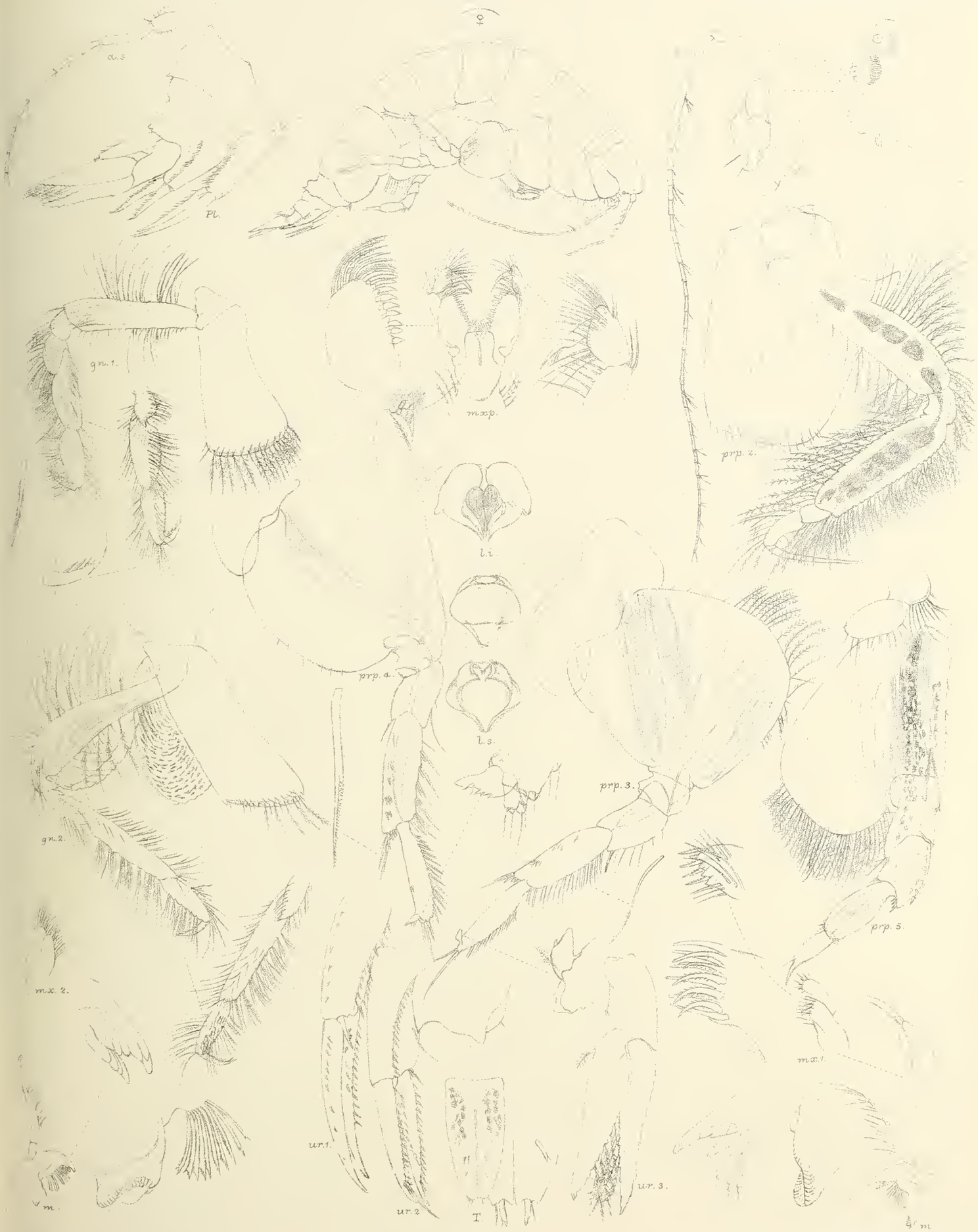


T.R.R. Stebbing del.

Parker & Coward, lith.
West, Newman & Co. imp.

AMPELISCA ACINACES, n sp.

NATURAL HISTORY.

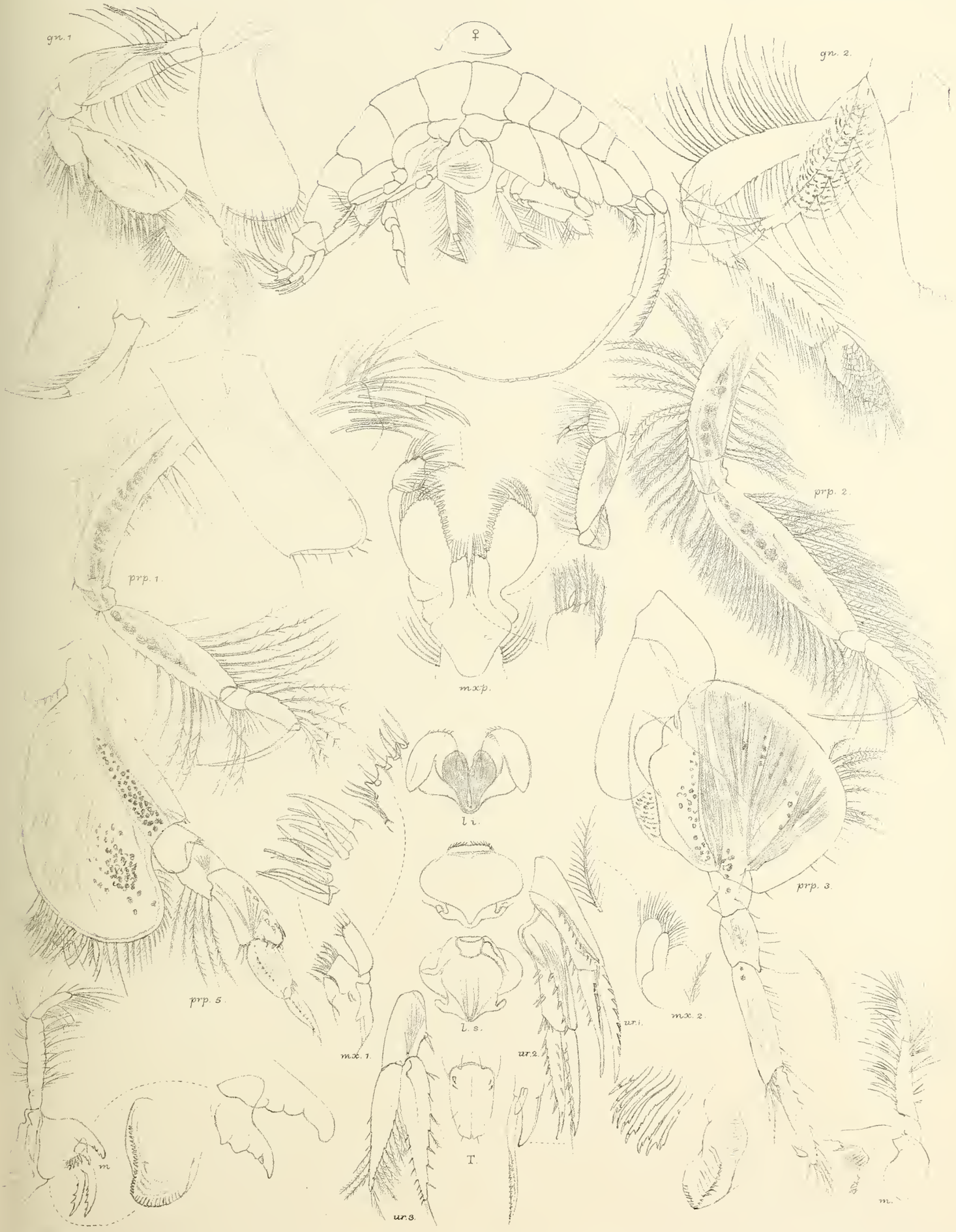


T.R.R. Stebbing del.

Parker & Coward, lith.
West, Newman & Co imp.

AMPELISCA CHILTONI, n. sp.

BRITISH MUSEUM
NATURAL HISTORY

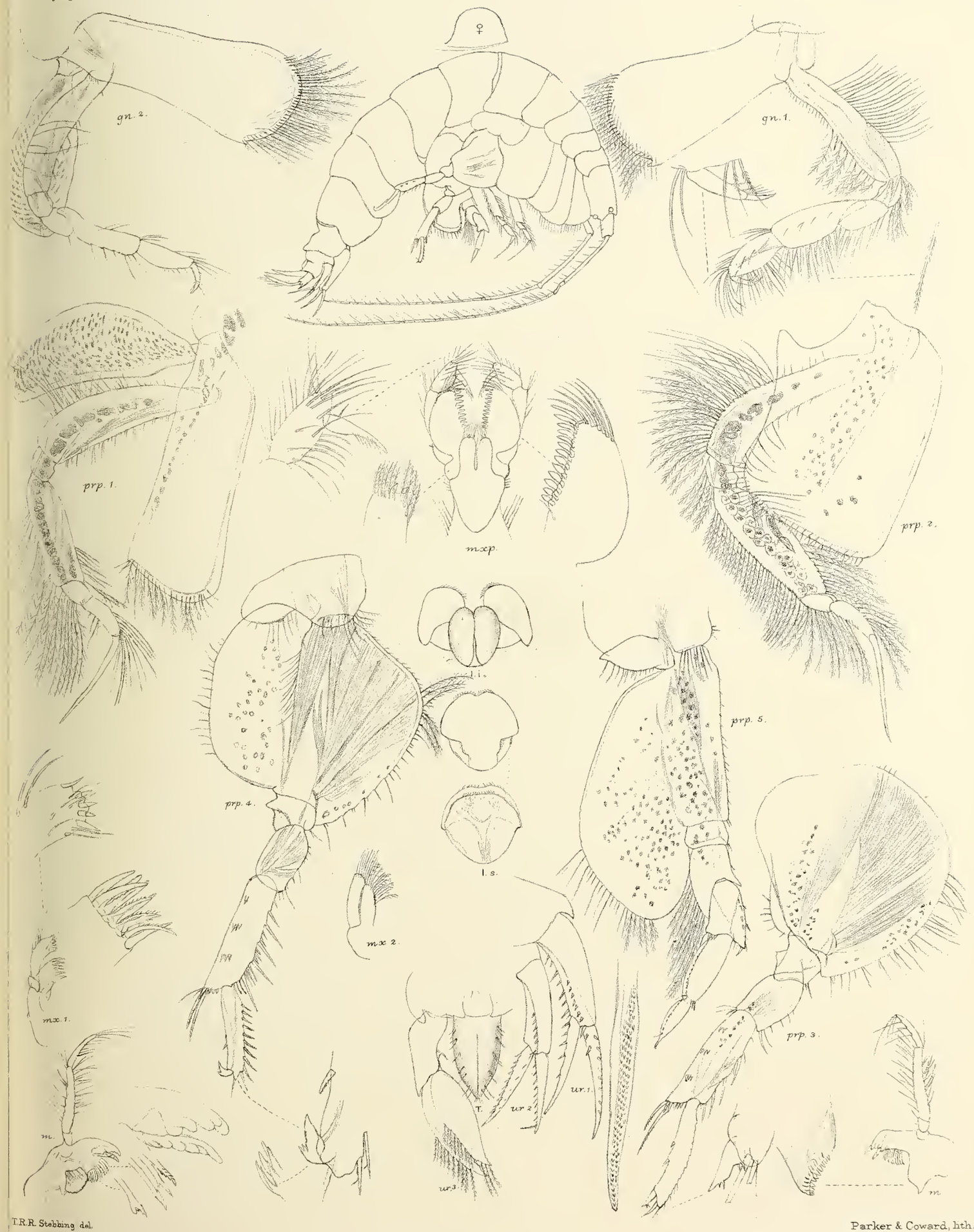


T.R.R. Stebbing del.

Parker & Coward, lith.
West, Newman & Co., imp.

AMPELISCA ABYSSICOLA, n. sp.

BRITISH MUSEUM
NATURAL HISTORY

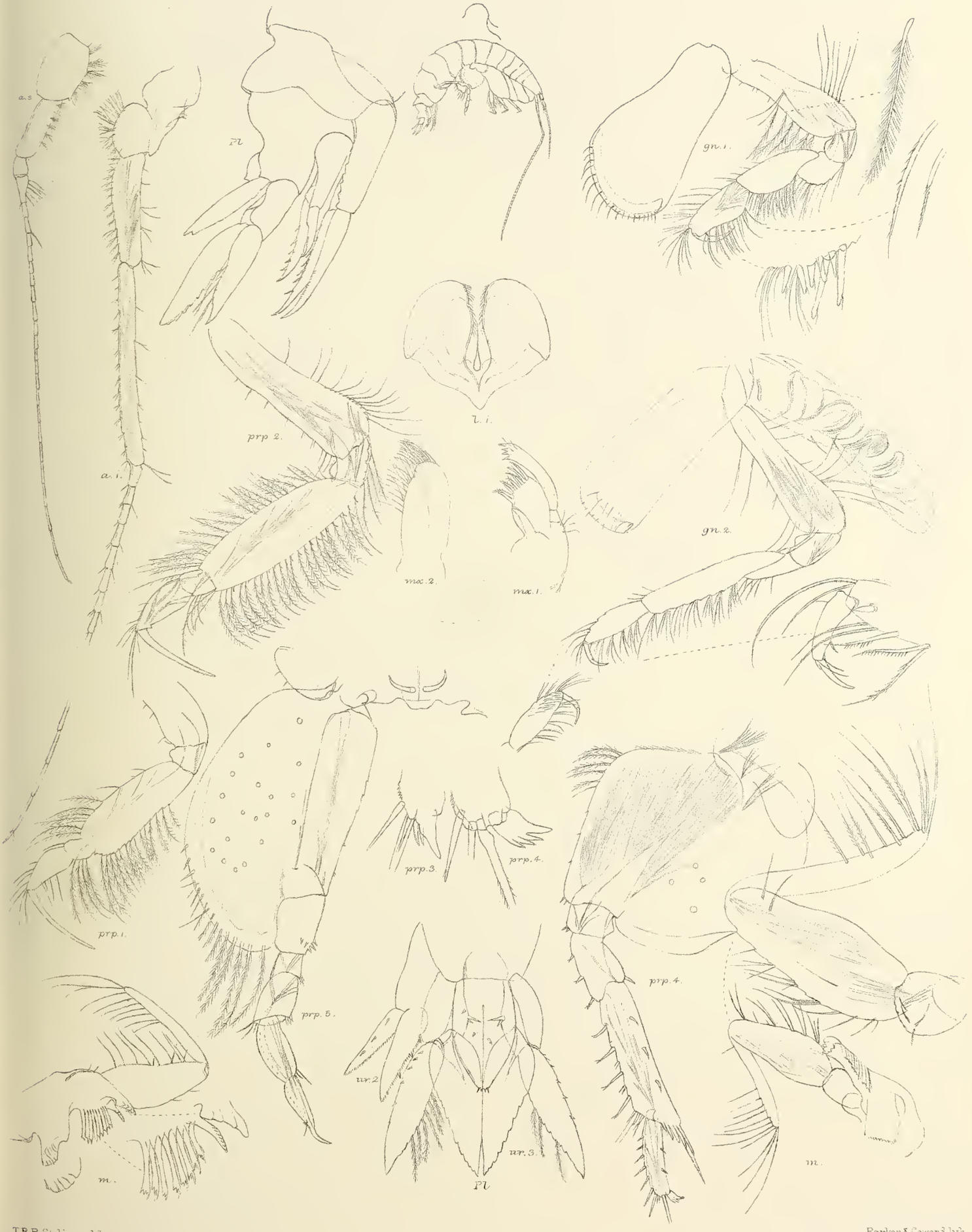


T.R.R. Stebbing del.

Parker & Coward, lith.
West, Newman Co. imp.

AMPELISCA FUSCA, n. sp.

BRITISH MUSEUM
NATURAL HISTORY

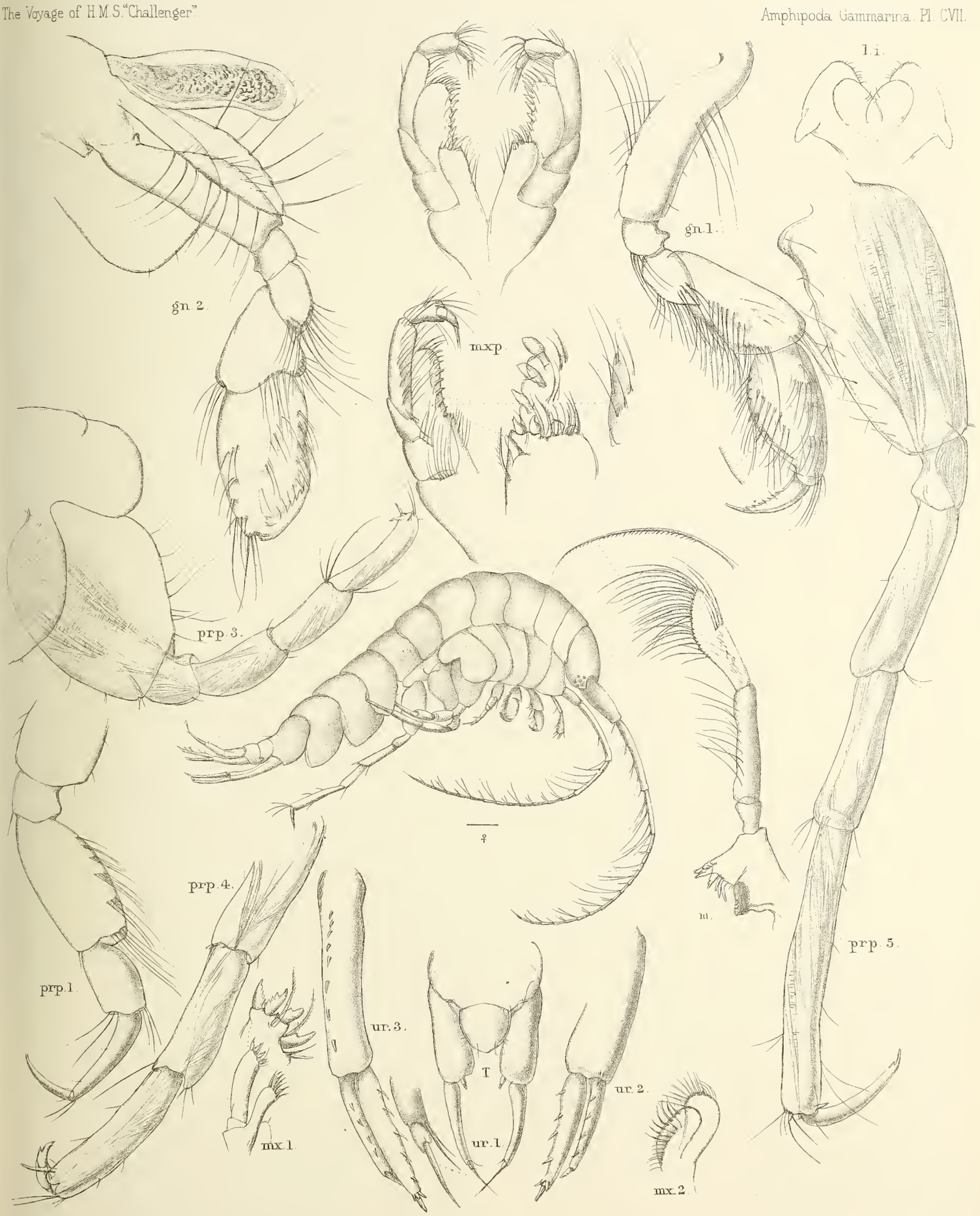


T.R.R. Stebbing del.

Parker & Coward, lith.
West, Newman & Co. imp.

AMPELISCA ZAMBOANGÆ, n. sp.

BRITISH MUSEUM
NATURAL HISTORY

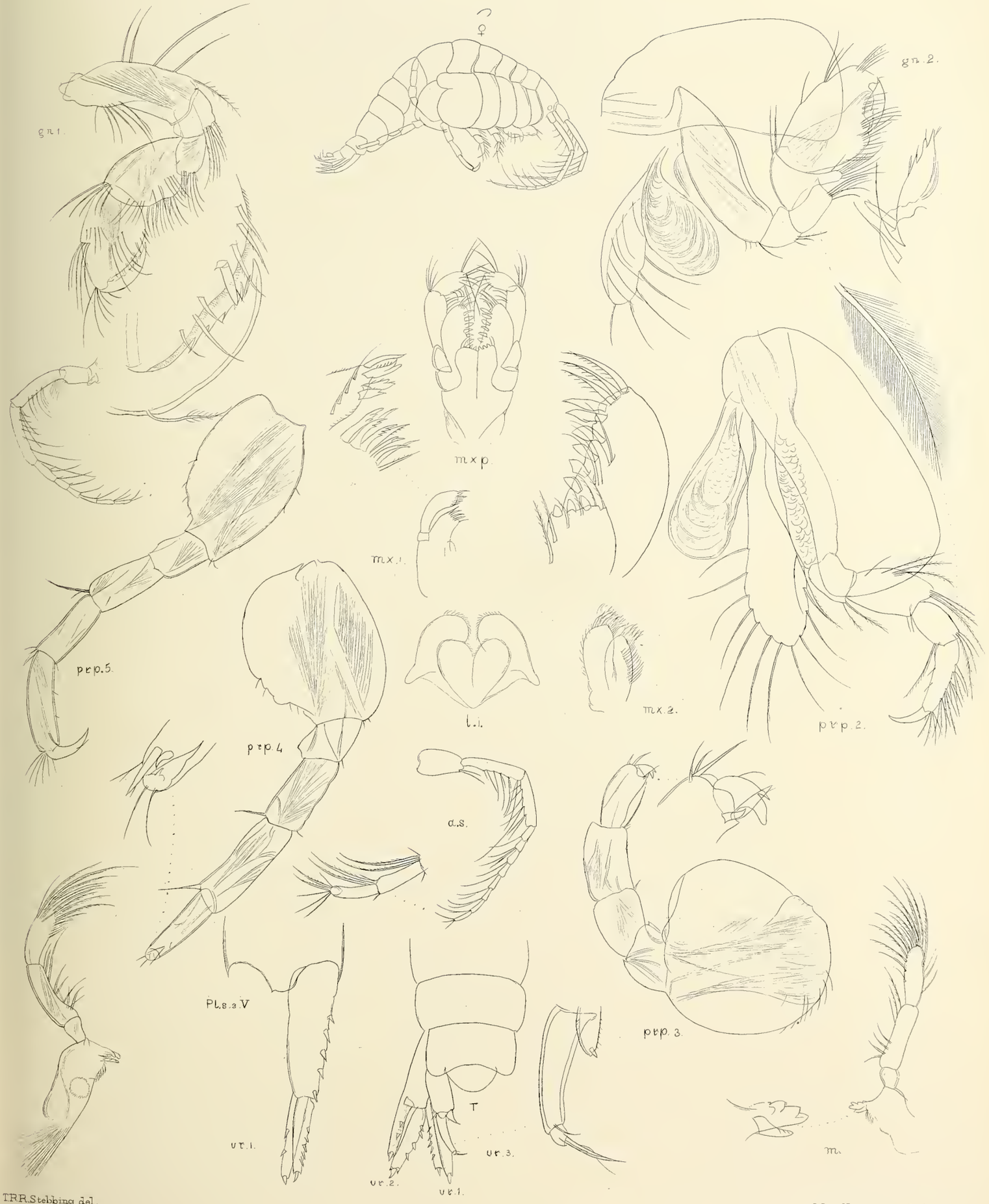


J.R.P. Stebbing del. F.H.Michael lith.

Mintern Bros. imp.

PHOTIS MACROCARPUS, n. sp.

BRITISH MUSEUM
NATURAL HISTORY

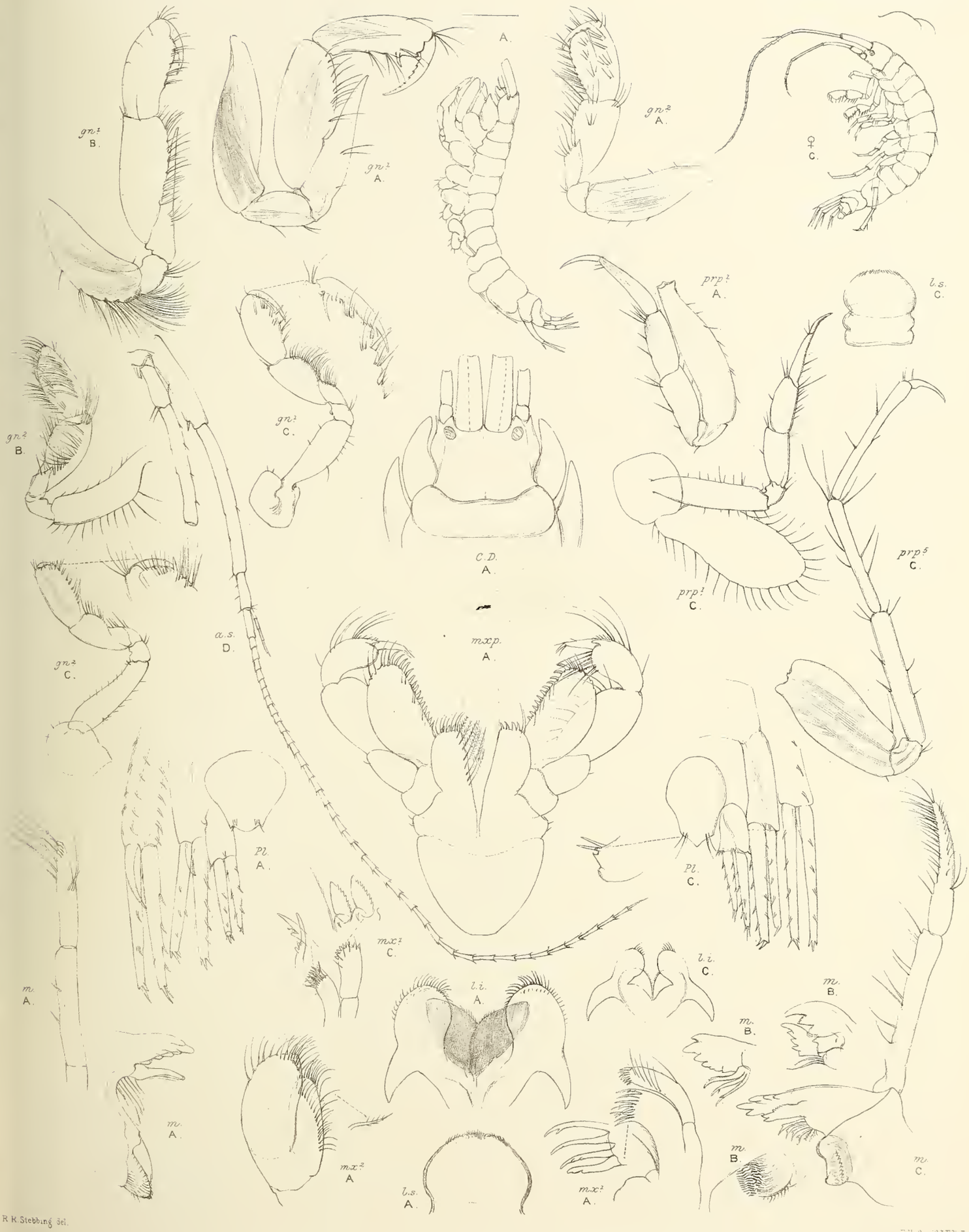


TRR. Stebbing del.
G.S. Saunders sc.

West, Newman & Co. imp.

PHOTIS BREVICAUDATA, n. sp.

NATURAL HISTORY



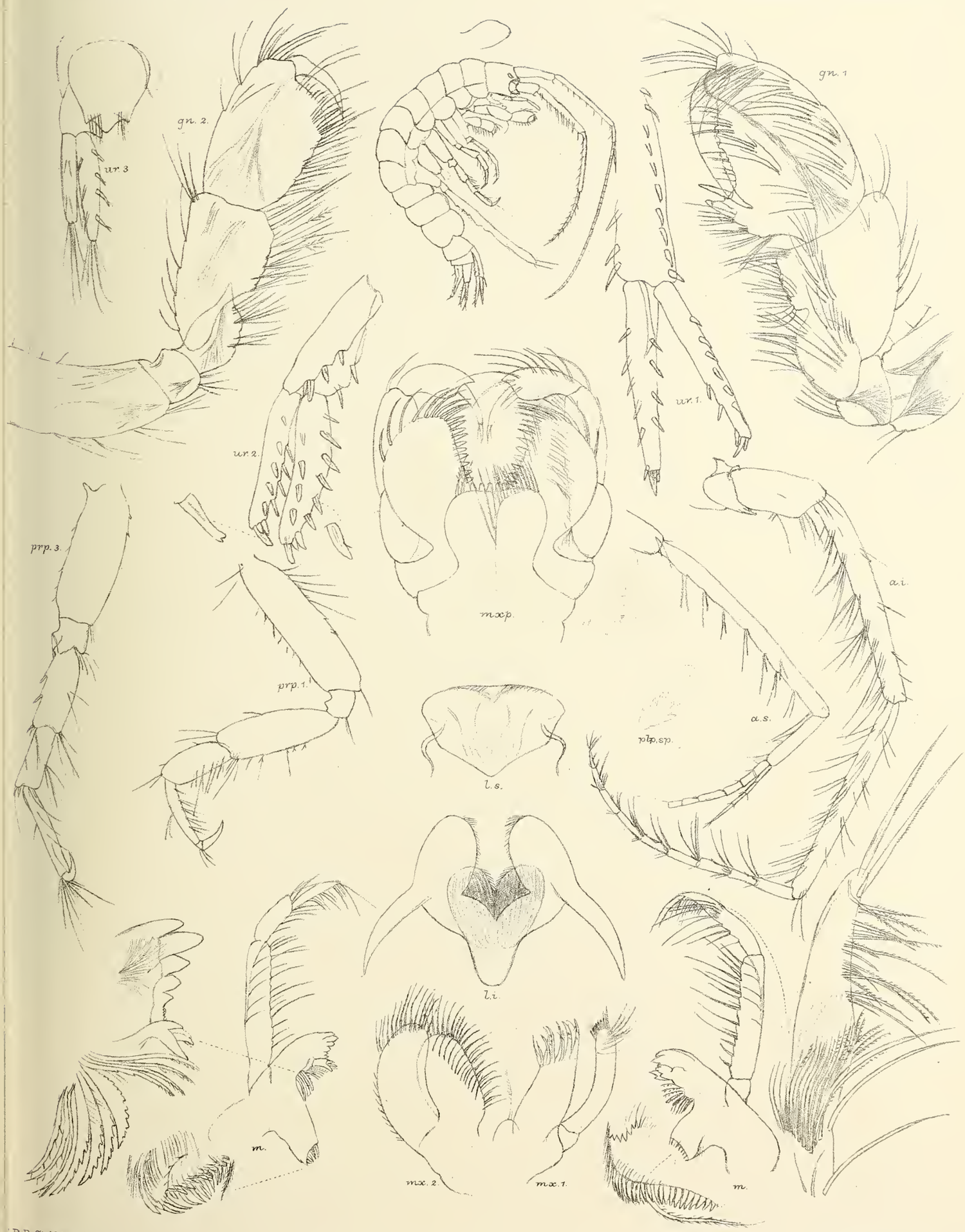
T. R. R. Stebbing del.

F. Huth, Lith. Edin.

AORA KERGUELENI, n. sp. ♂ A. ♀ D.

AORA TRICHOBOSTRYCHUS, n. sp. ♂ B. ♀ C.

BRITISH MUSEUM
NATURAL HISTORY



R. R. Stebbing del.

AUTONOË PHILACANTHA, n. sp.

Parker & Coward, lith.
West, Newman & Co imp.

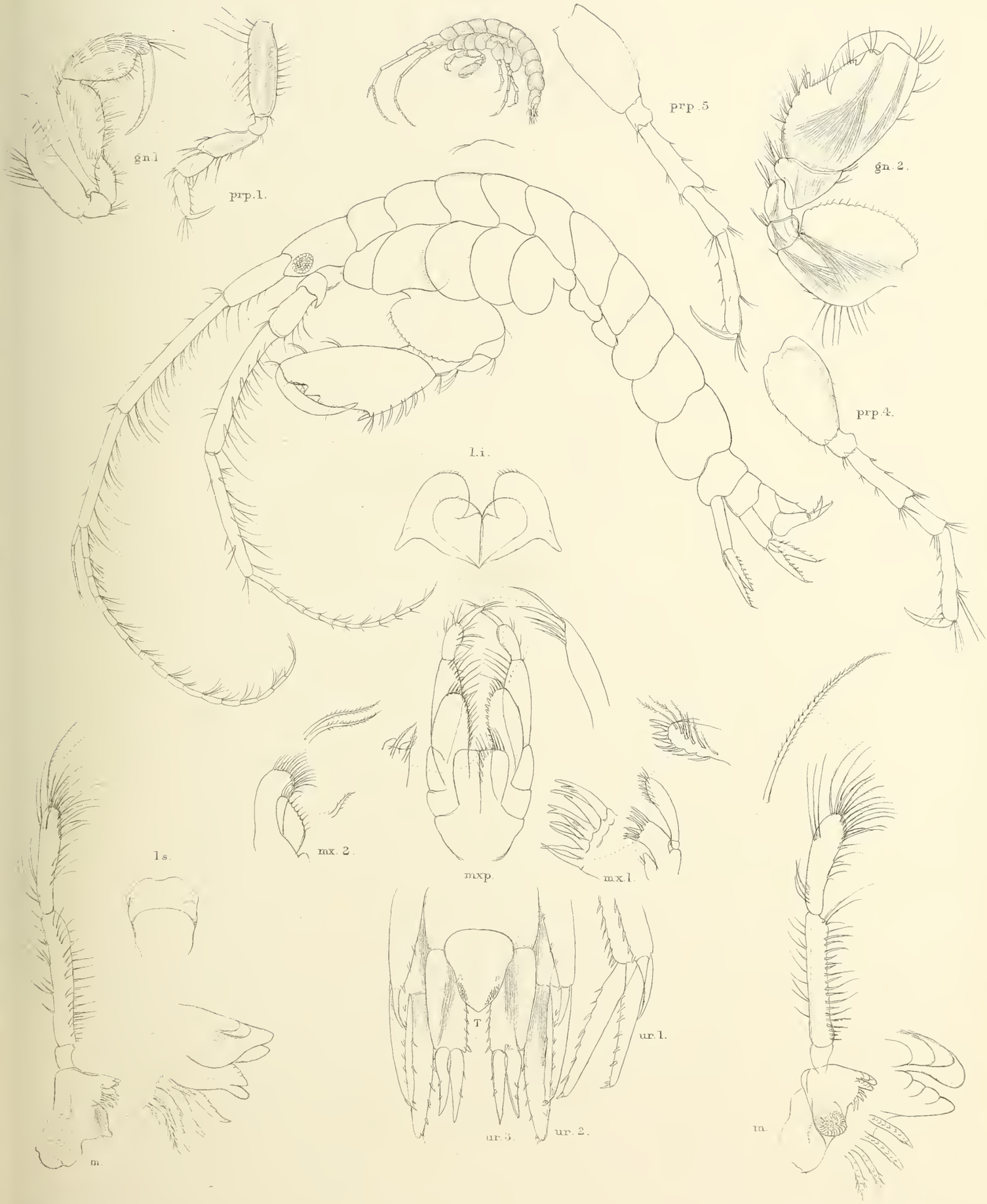
NATURAL HISTORY

T.R.R.Stebbing del.
G.S.Saunders sc

West, Newman & Co. imp.

AUTONOË KERGUELENI, n.sp.

BRITISH MUSEUM
NATURAL HISTORY

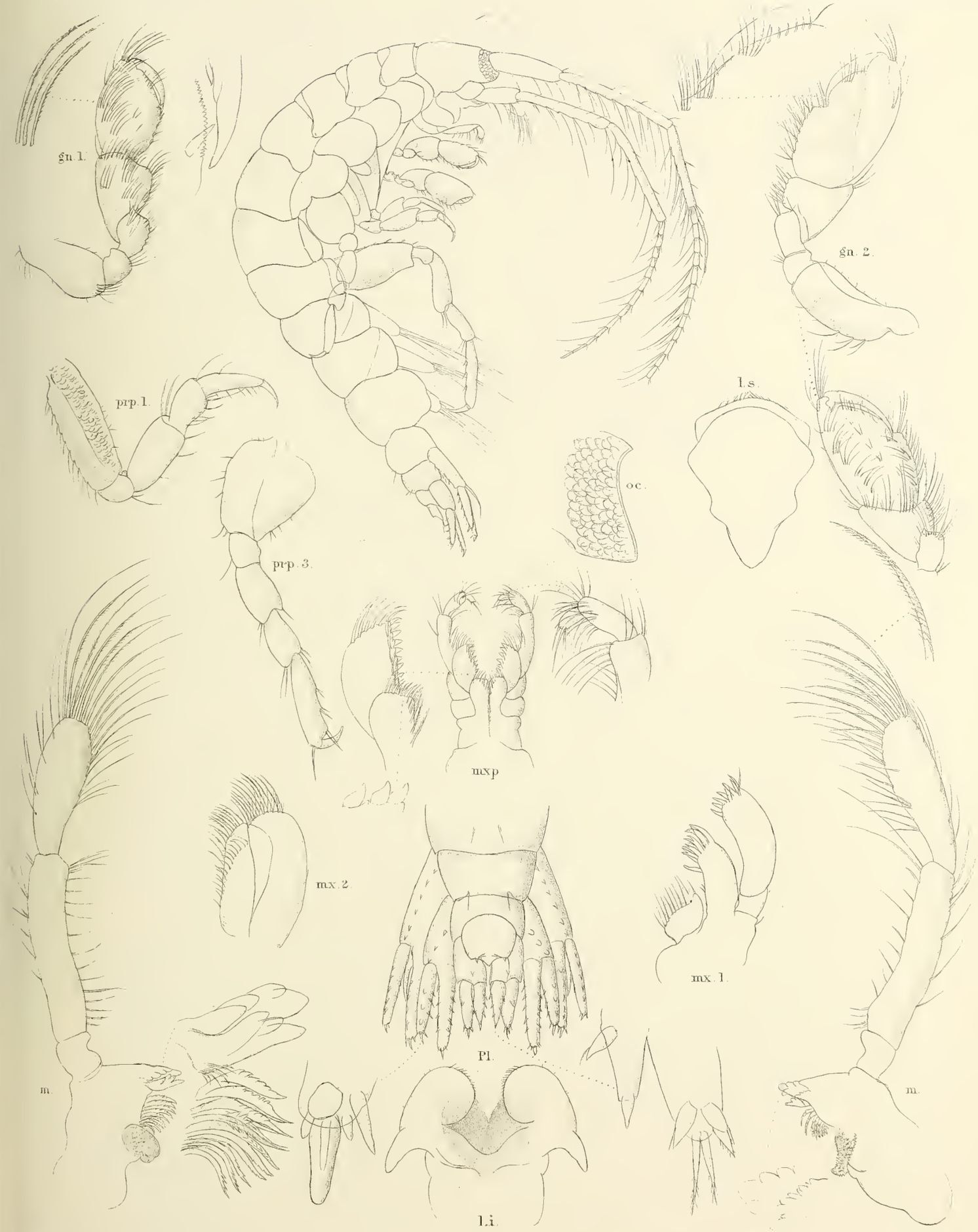


J. R. R. Stebbing del. W. H. Crowther lith.

Mintern Bros. imp.

GAMMAROPSIS EXSERTIPES, n. sp.

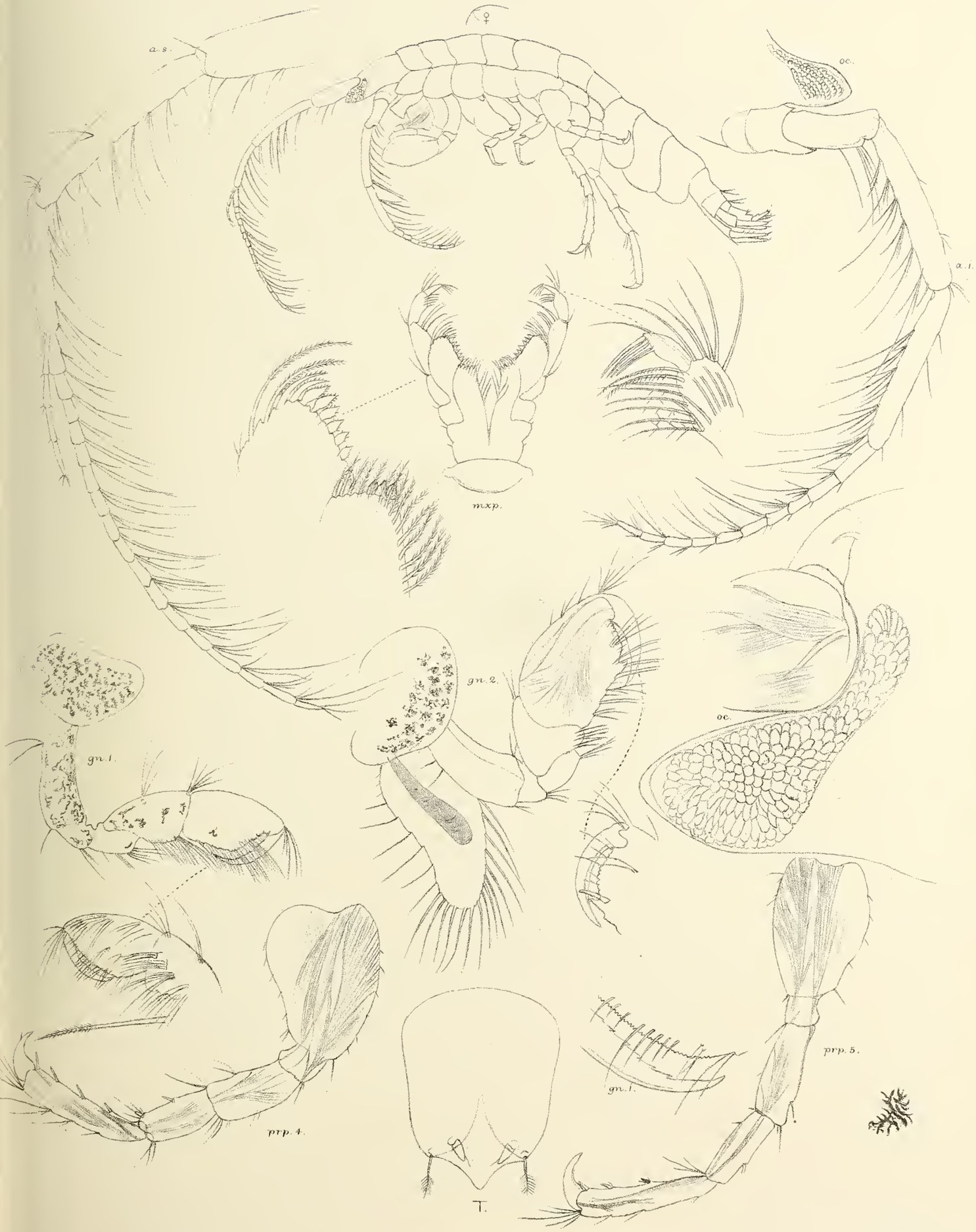
BRITISH MUSEUM
NATURAL HISTORY



T.R.R.Stebbing del. W.H. Crowther lith. Mintern Bros. imp.

GAMMAROPSIS AFRA, n.sp.

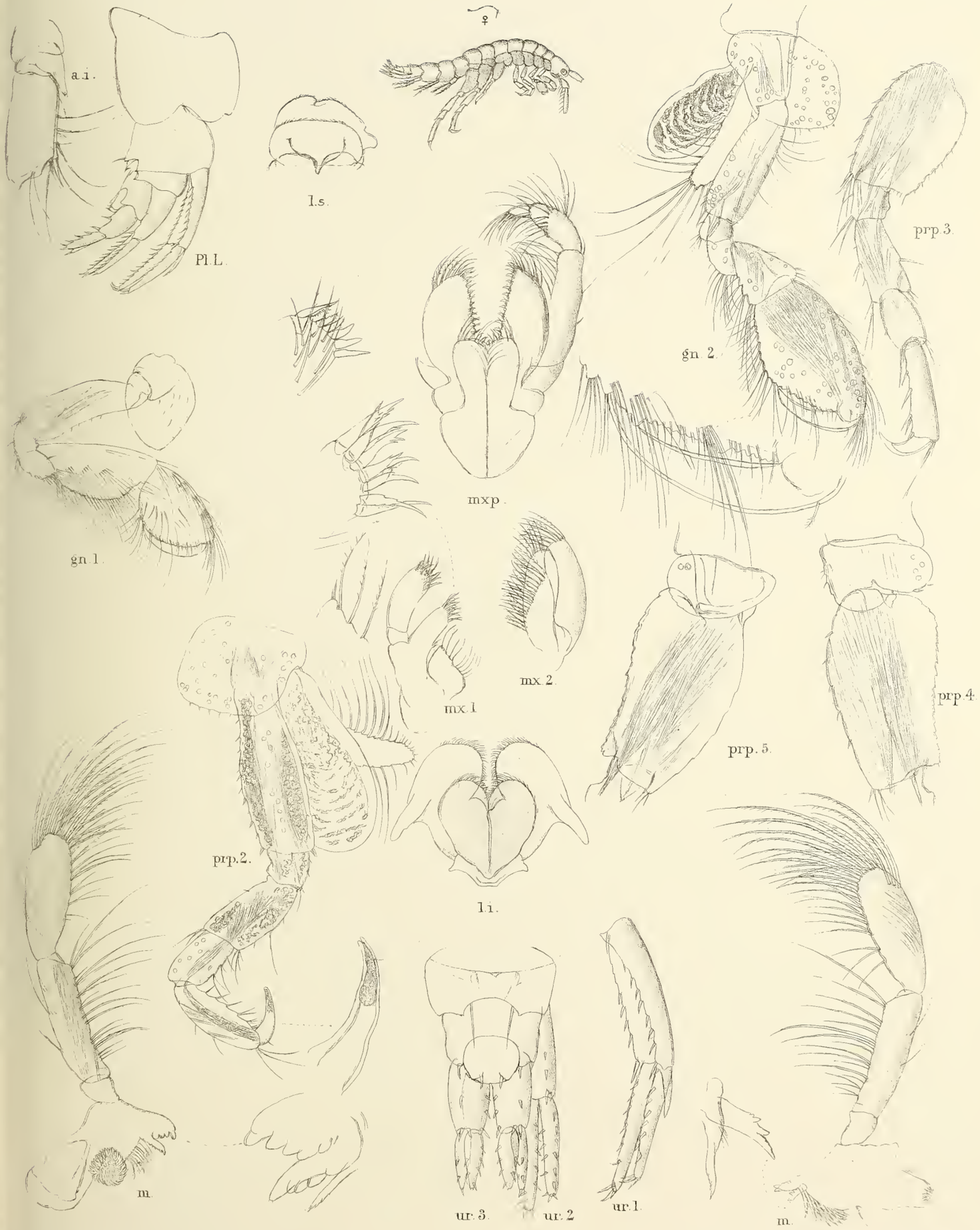
BRITISH MUSEUM
NATURAL HISTORY



T.R.R Stebbing del.

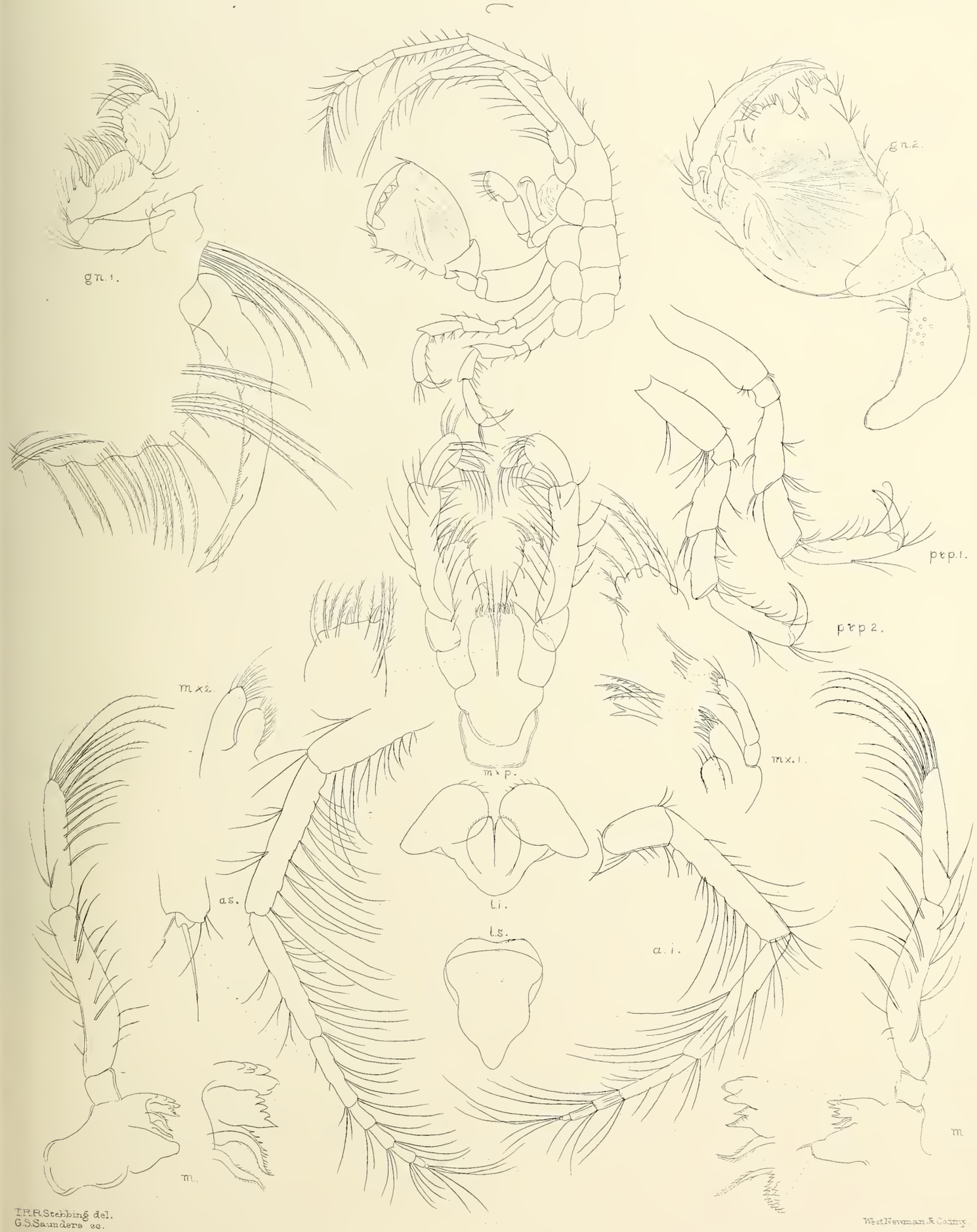
Parker & Coward lith.
West, Newman & Co imp.

GAMMAROPSIS ATLANTICA. ♀, n. sp.



R.R. Stebbing del. W.H. Crowther lith.

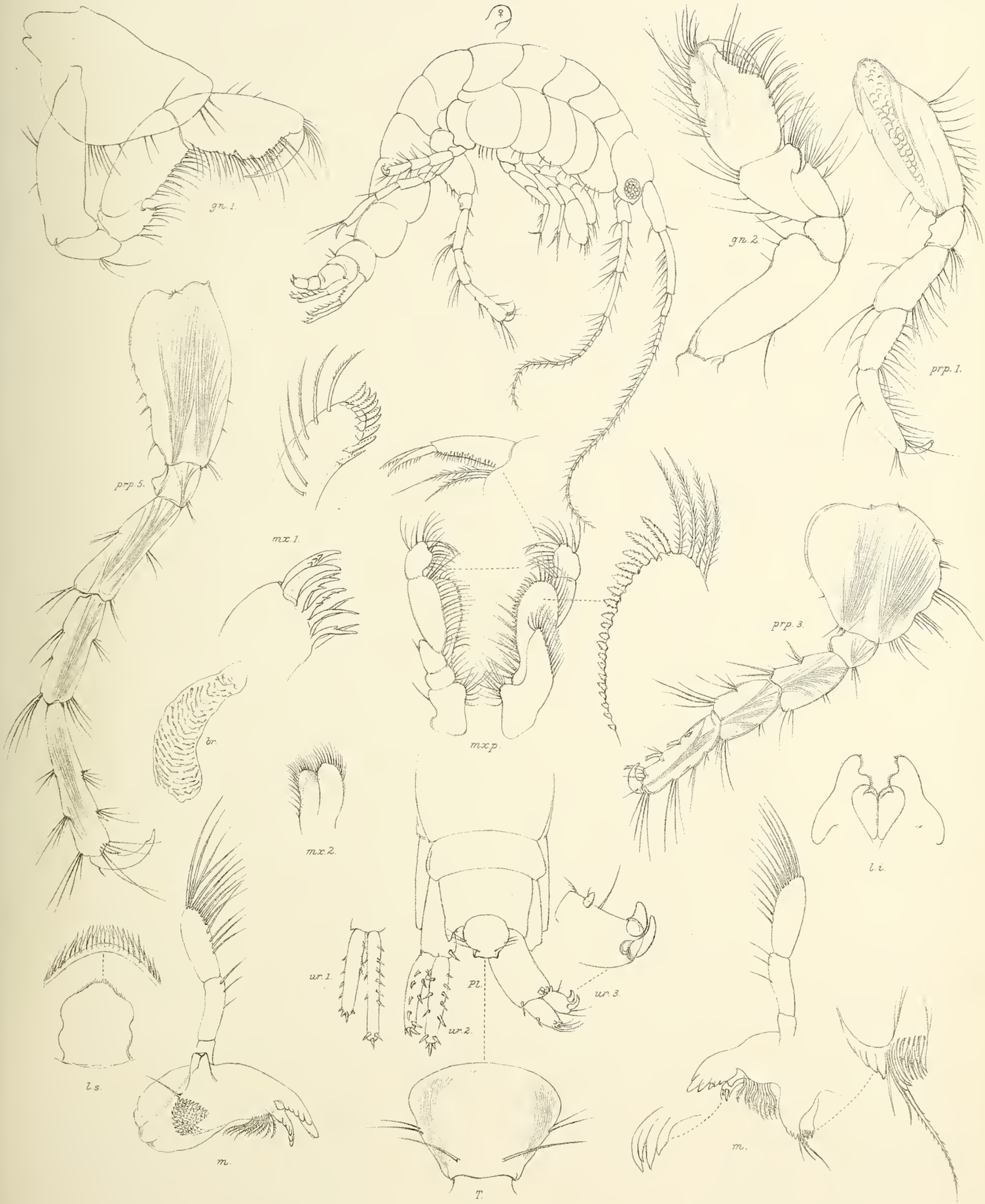
GAMMAROPSIS THOMSONI, n sp.



T.R.R.Stebbing del.
G.S.Saunders ac.

West Newman & Colmy.

PODOCEROPSIS KERMADECI. n. sp.

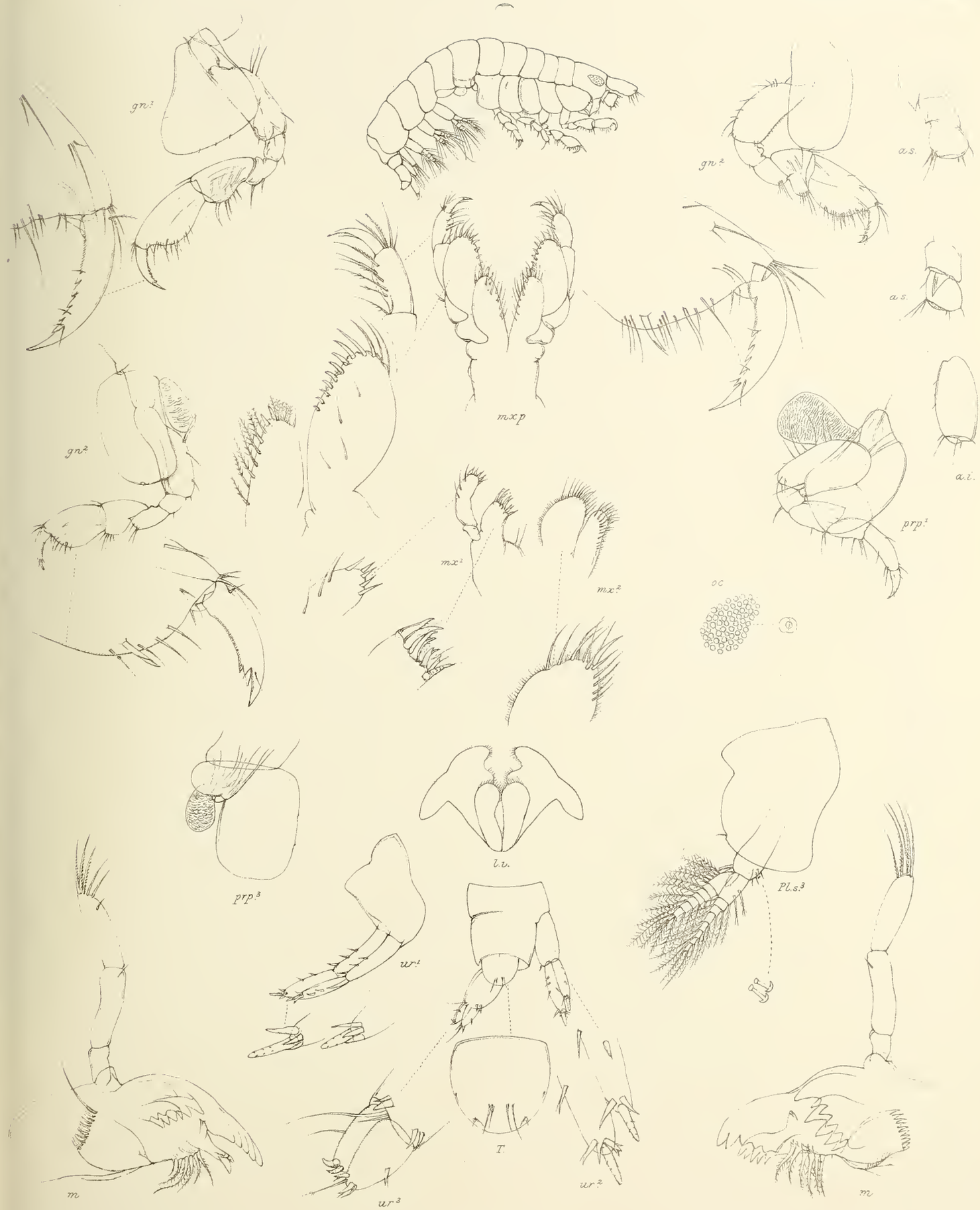


T.R.R. Stebbing del.

F. Huth Lith.^y Edin.^r

AMPHITHOË KERGUELENI, n. sp.

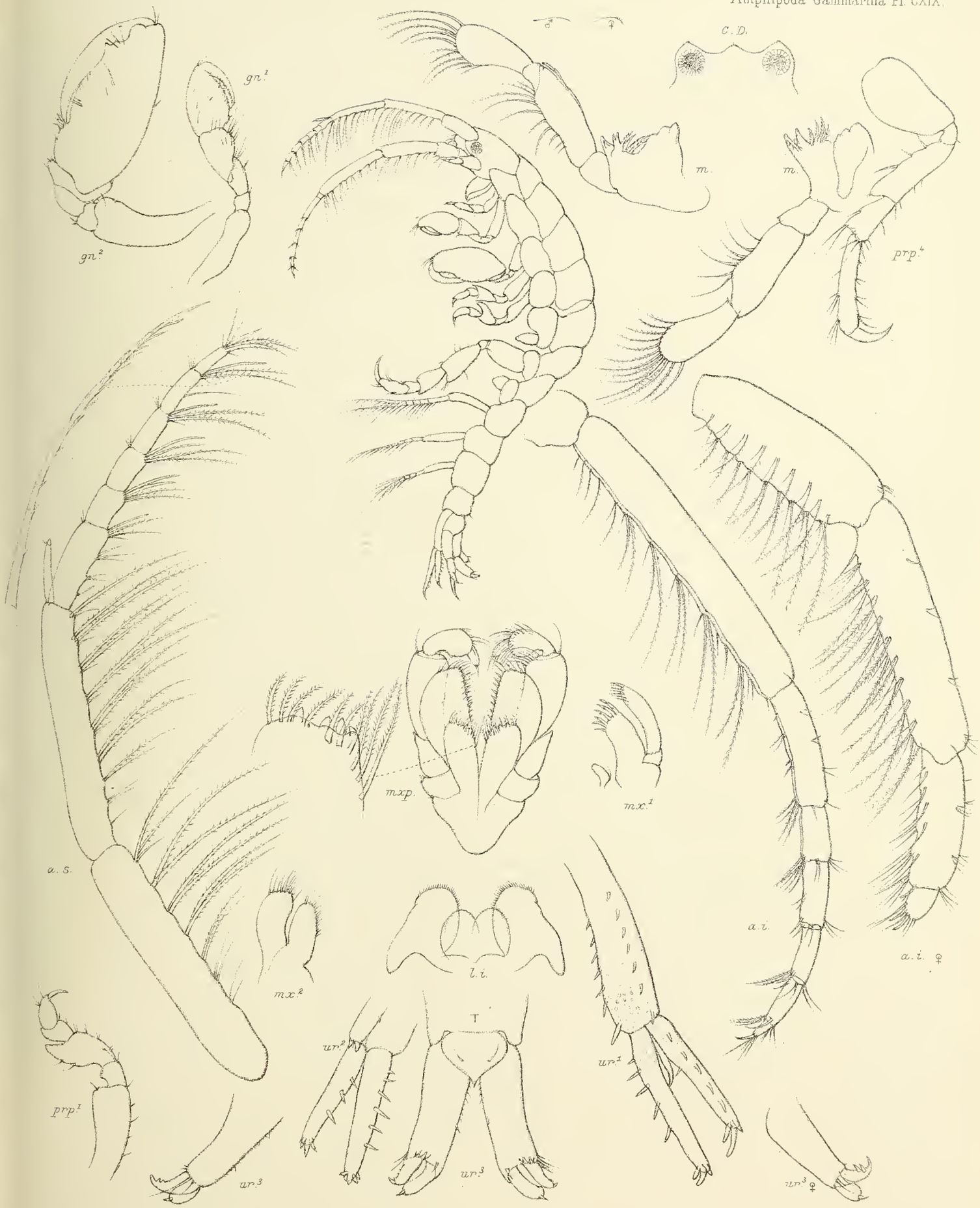
BRITISH MUSEUM
NATURAL HISTORY



T.R.R. Stebbing del.

F. Huth Lith.ᵗ Edin.ᵍ

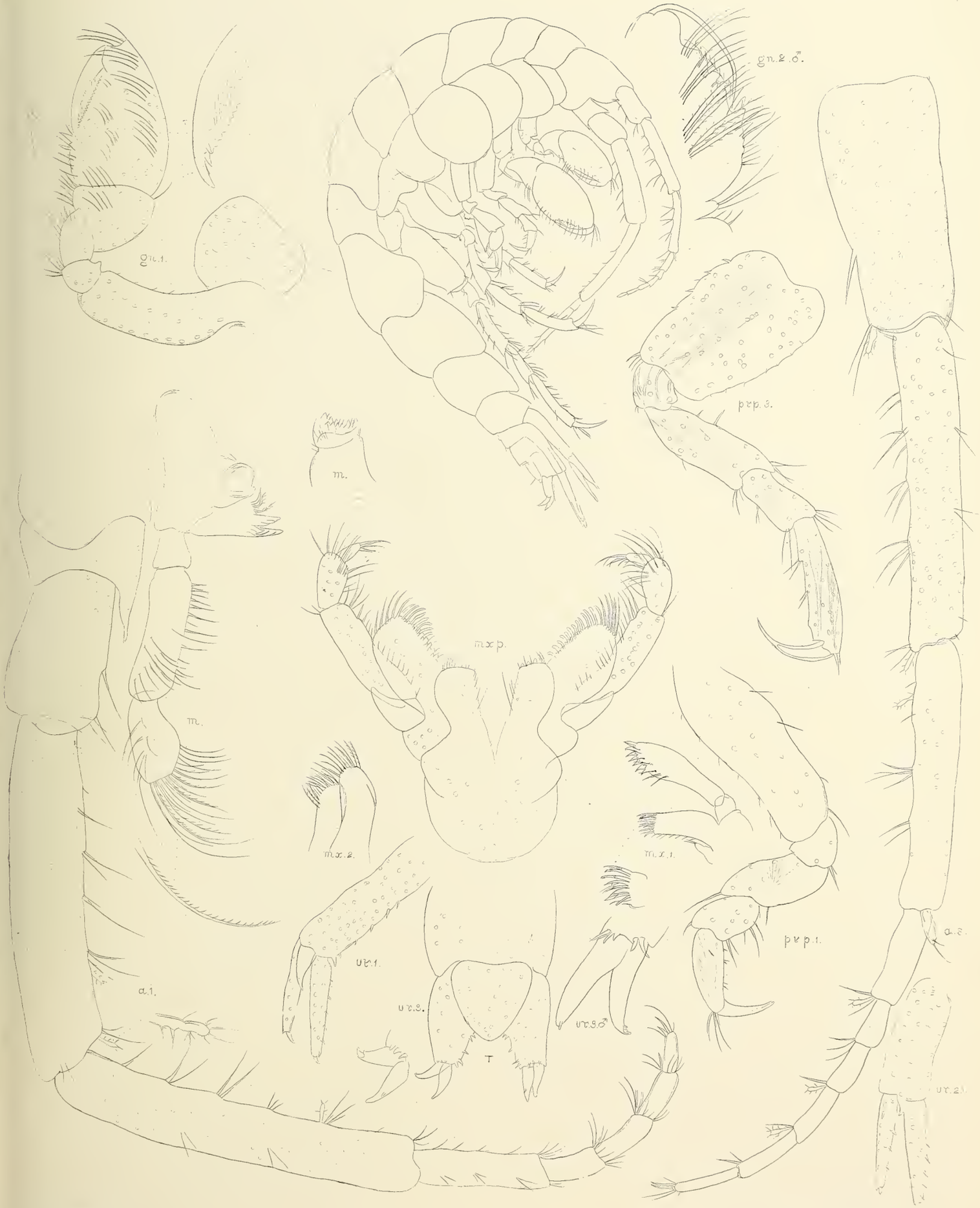
AMPHITHOË FLINDERSI, n. sp.



T.R.P. Stebbing, del.

Reid & Cowie Lith. Edinr.

PODOCERUS FALCATUS, Montagu.

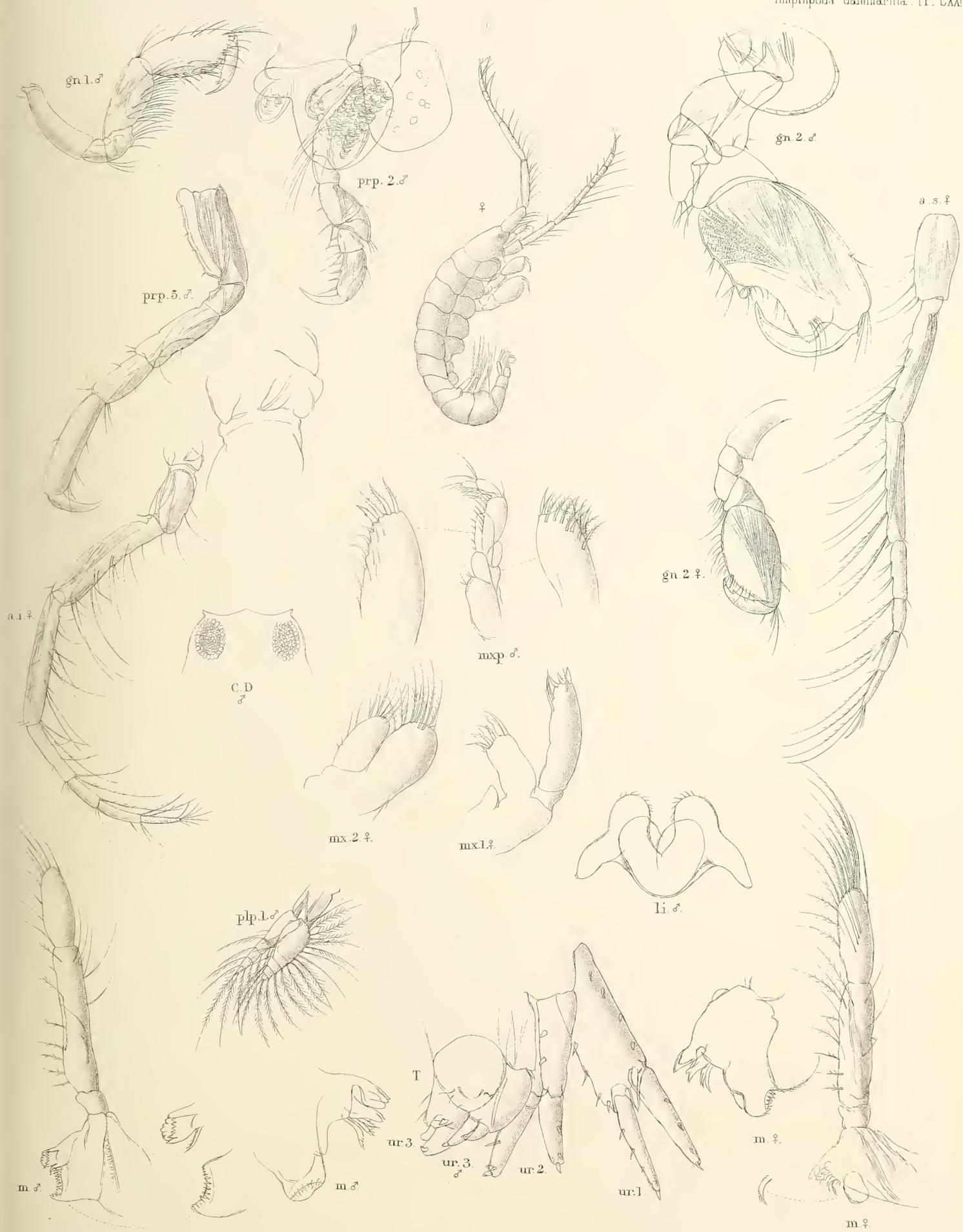


T. R. R. Stebbing del.
C. S. Saunders lith.

West, Newman & Co imp.

PODOCERUS HOEKI, n. sp.

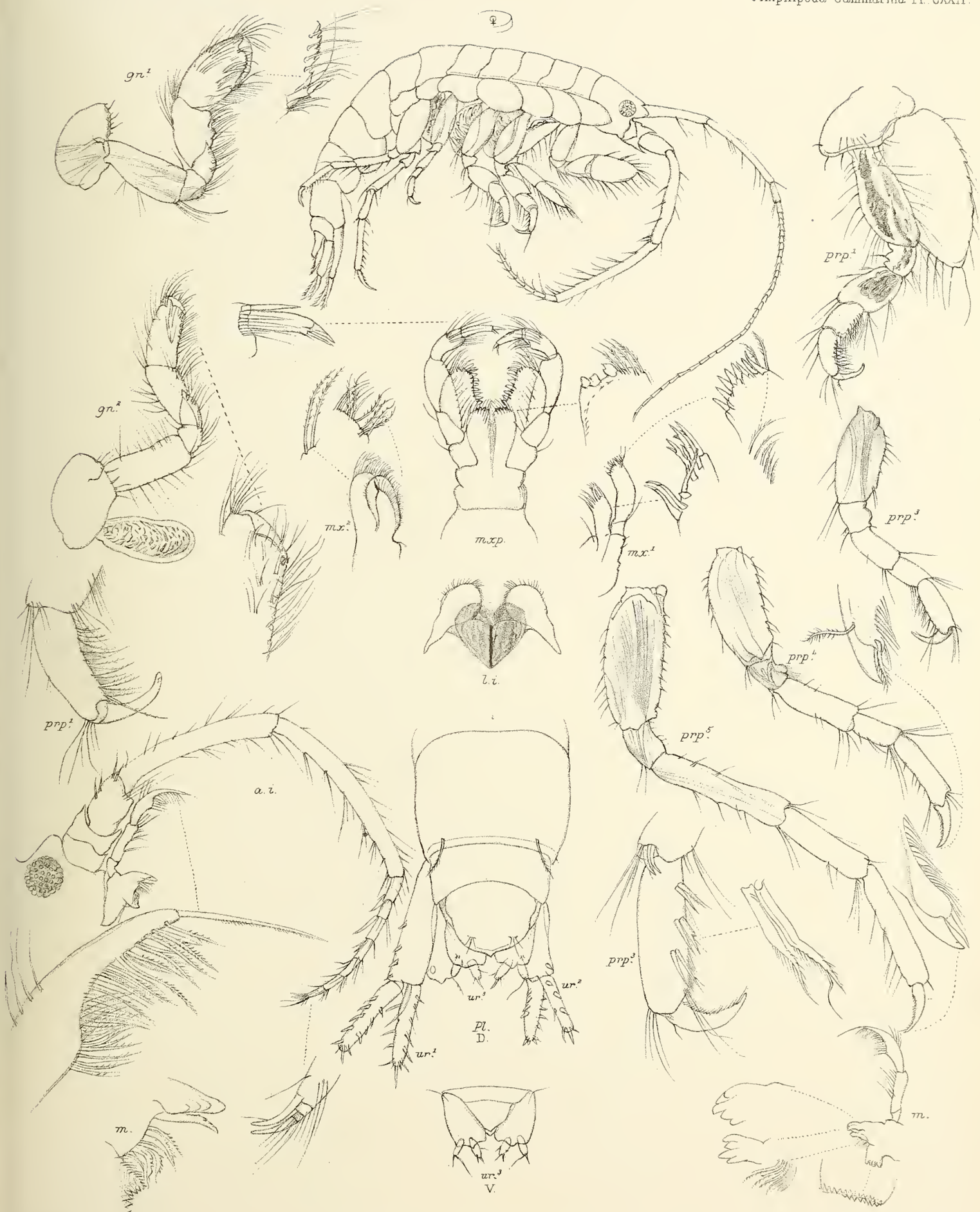
NATURAL H S.C.L.



T.R.R. Stebbing del. W.H. Crowther lith.

Mintern Bros. imp.

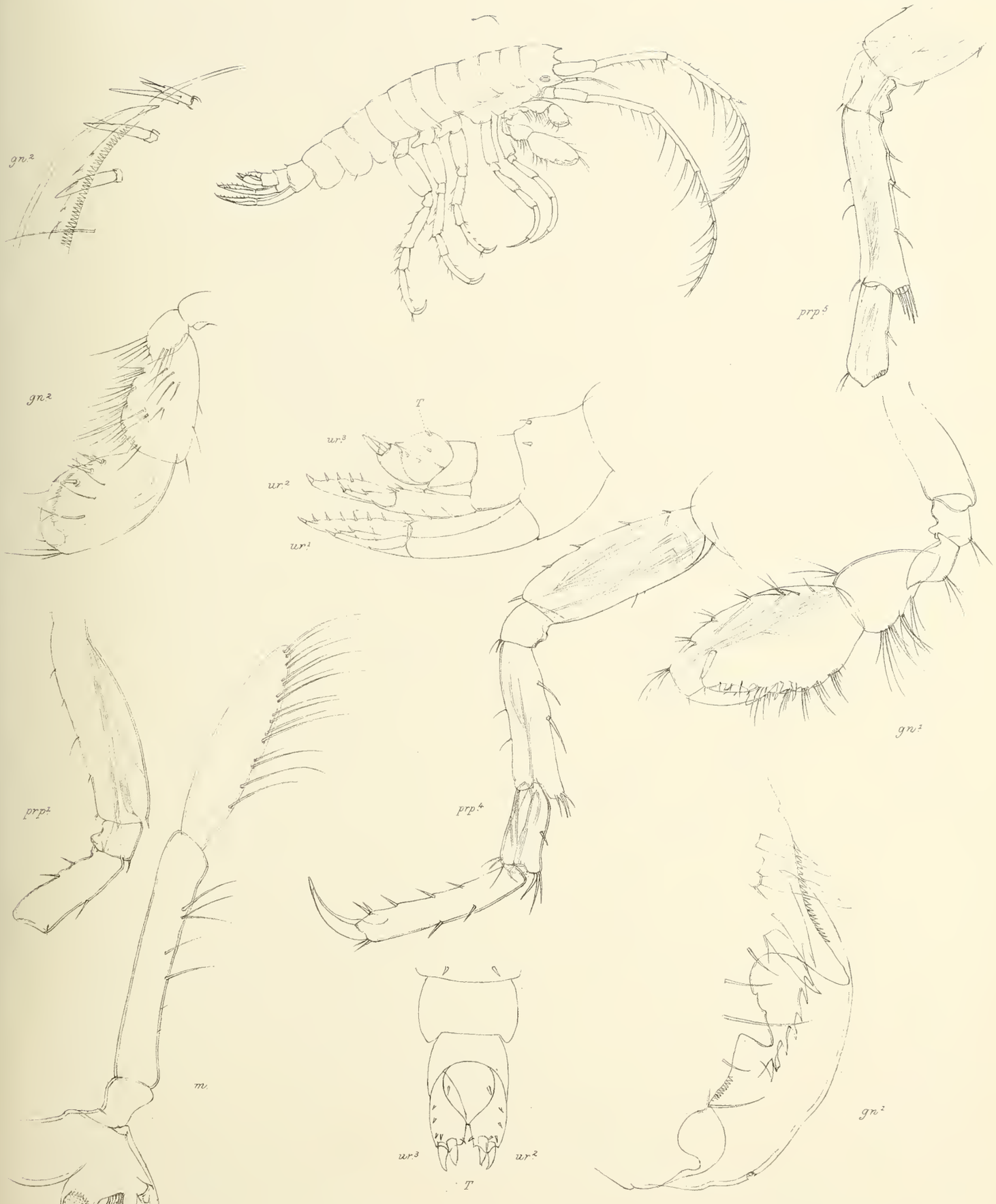
PODOCERUS TRISTANENSIS, n. sp.



T.H.R. Stebbing, del.

McFarlane & Erskine, Lith.rs Edinr

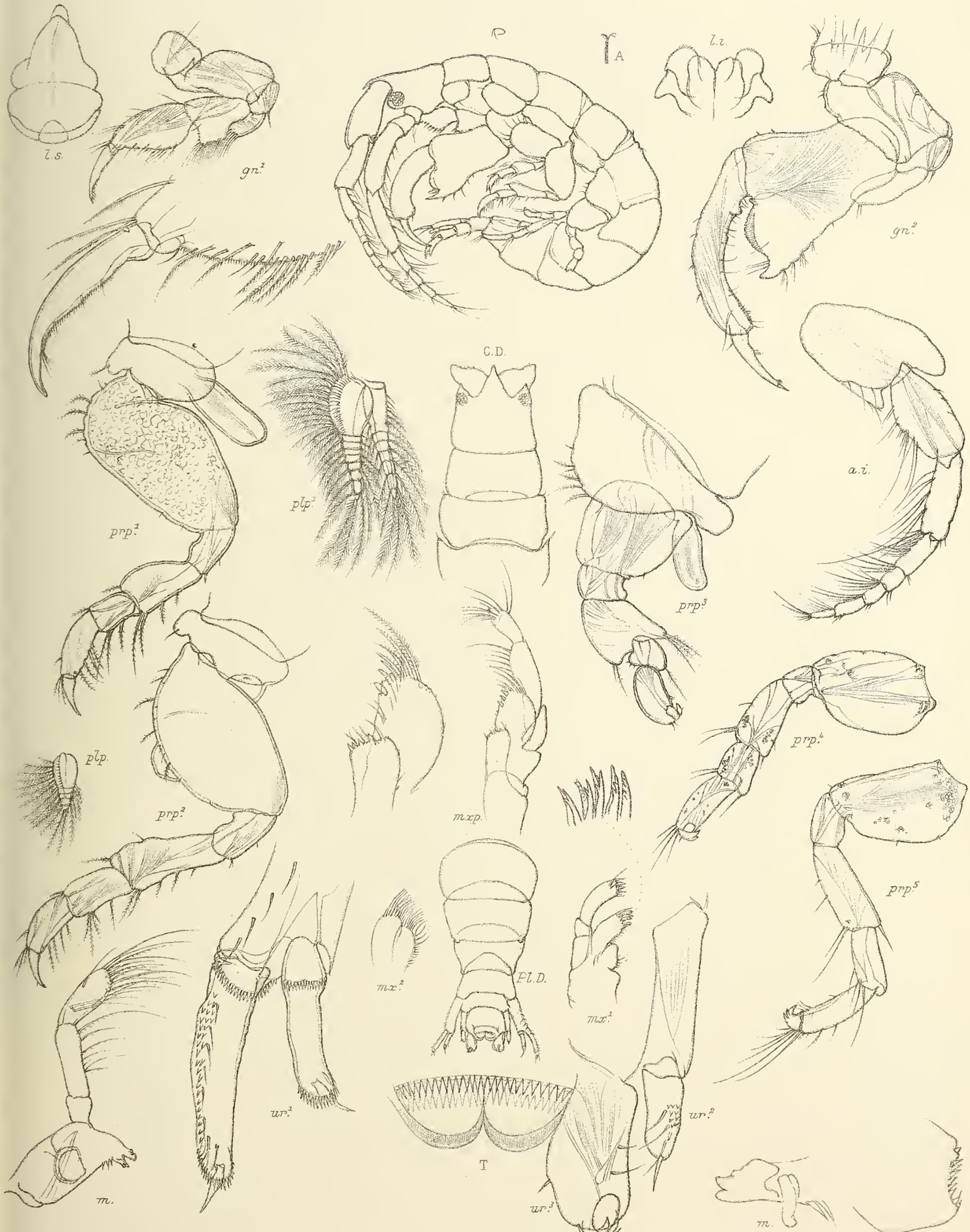
DRYOPOIDES WESTWOODI, n. sp.



T.R.R. Stebbing del.

F. Huth. Lith.r Edin.r

PARADRYOPE ORGUION, n. sp.



T.R.R Stebbing, del.

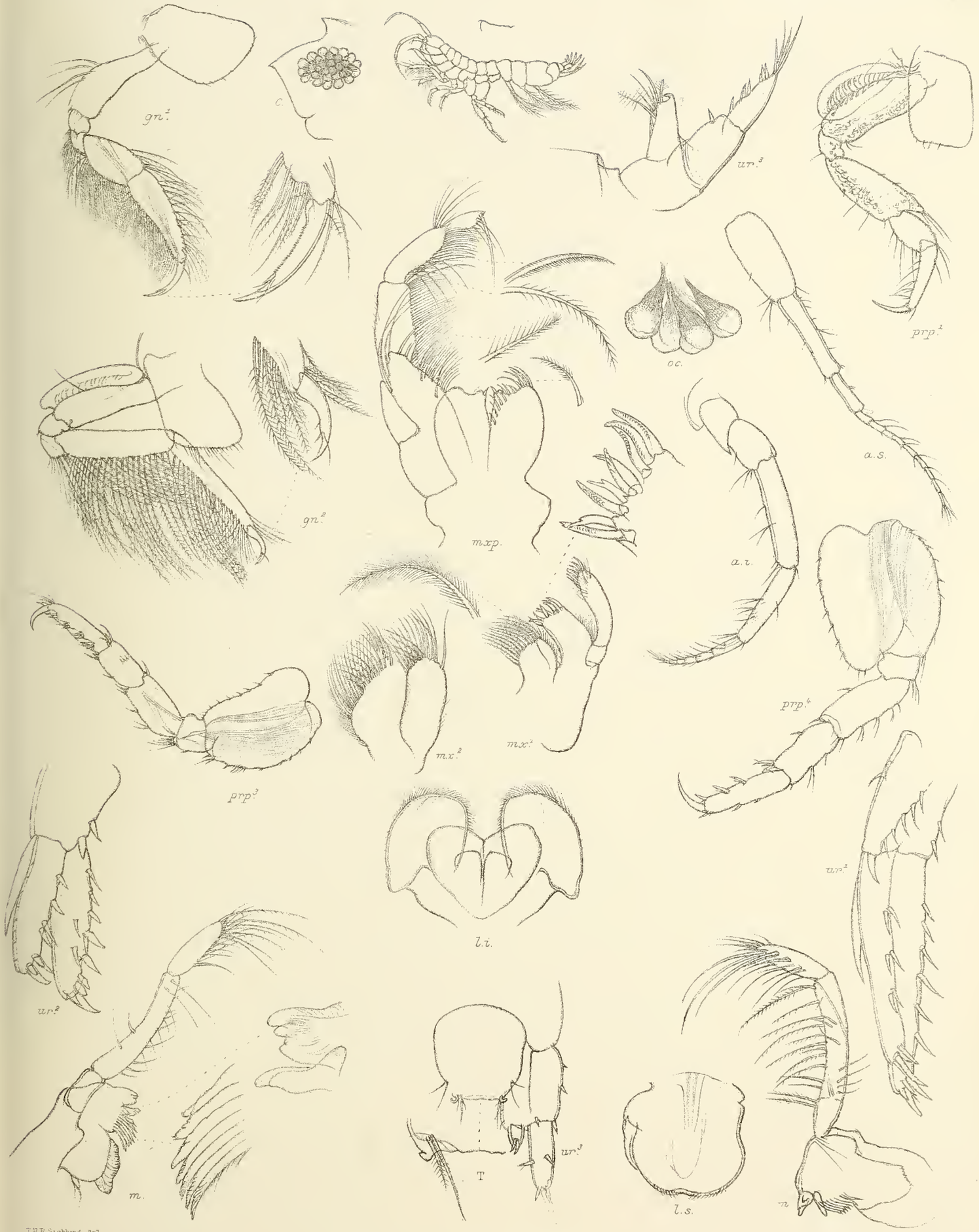
Reid & Cowie, Lith. Edinr.

CERAPUS SISMITHI, n. sp.

R. R. Stebbing del. W. H. Crowther lith.

Mintern Bros. imp.

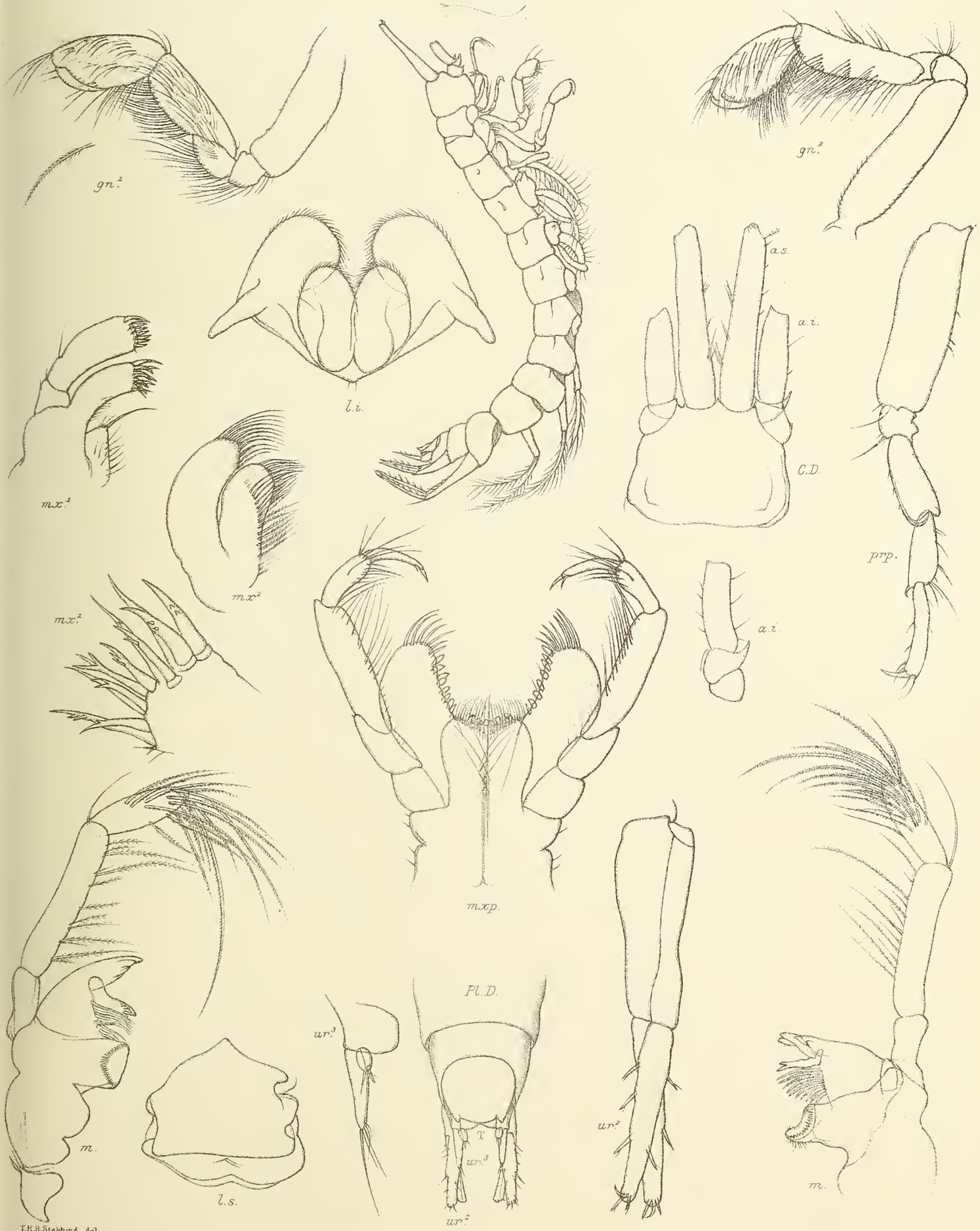
CERAPUS FLINDERSI, n. sp.



T.H.R. Stebbing, del.

Reid v. Cowie, lith. Edin.

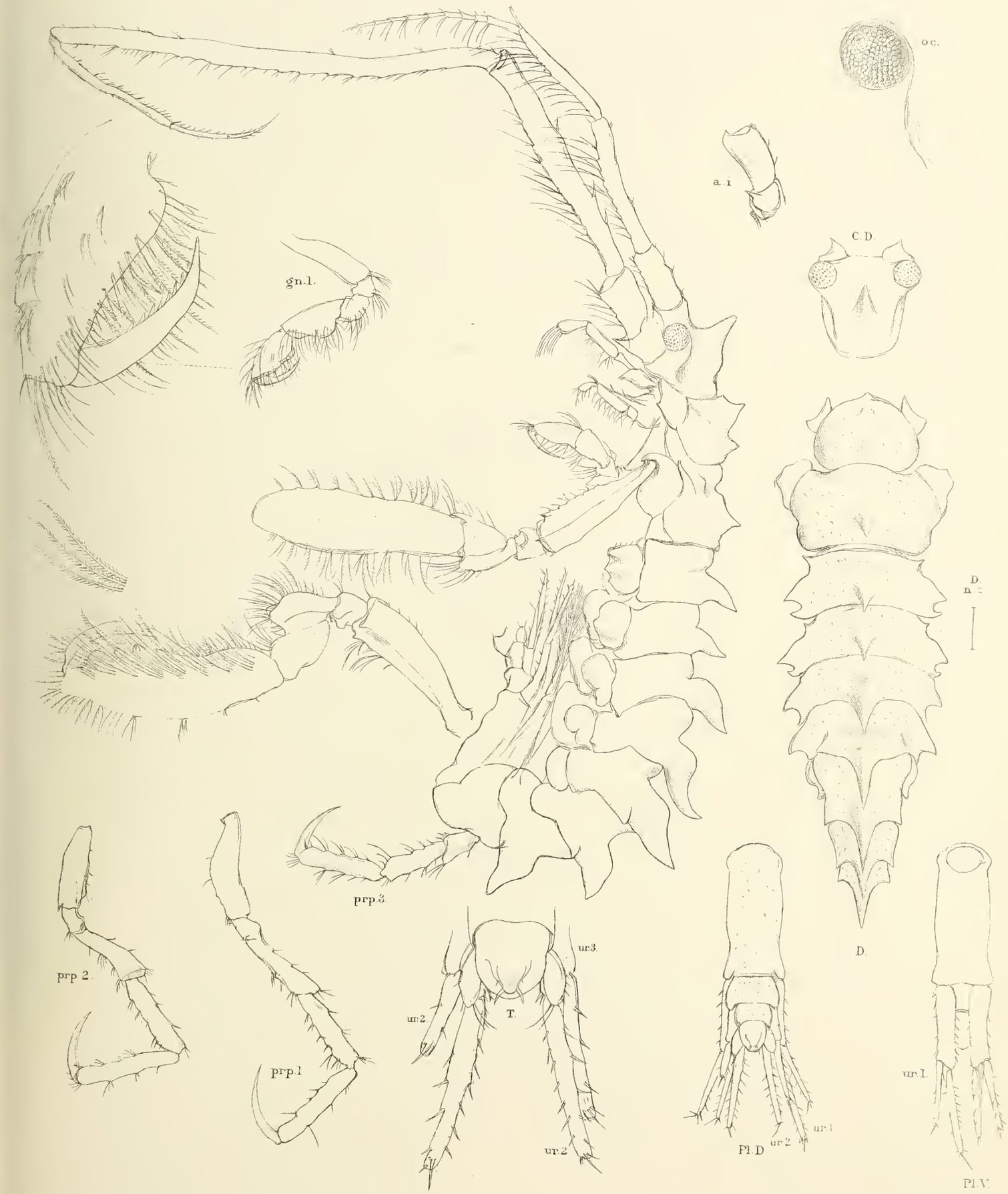
HAPLOCHEIRA PLUMOSA, n. sp.



T.R.R. Stebbing. del.

Reid & Gowie Lith. Edin.r

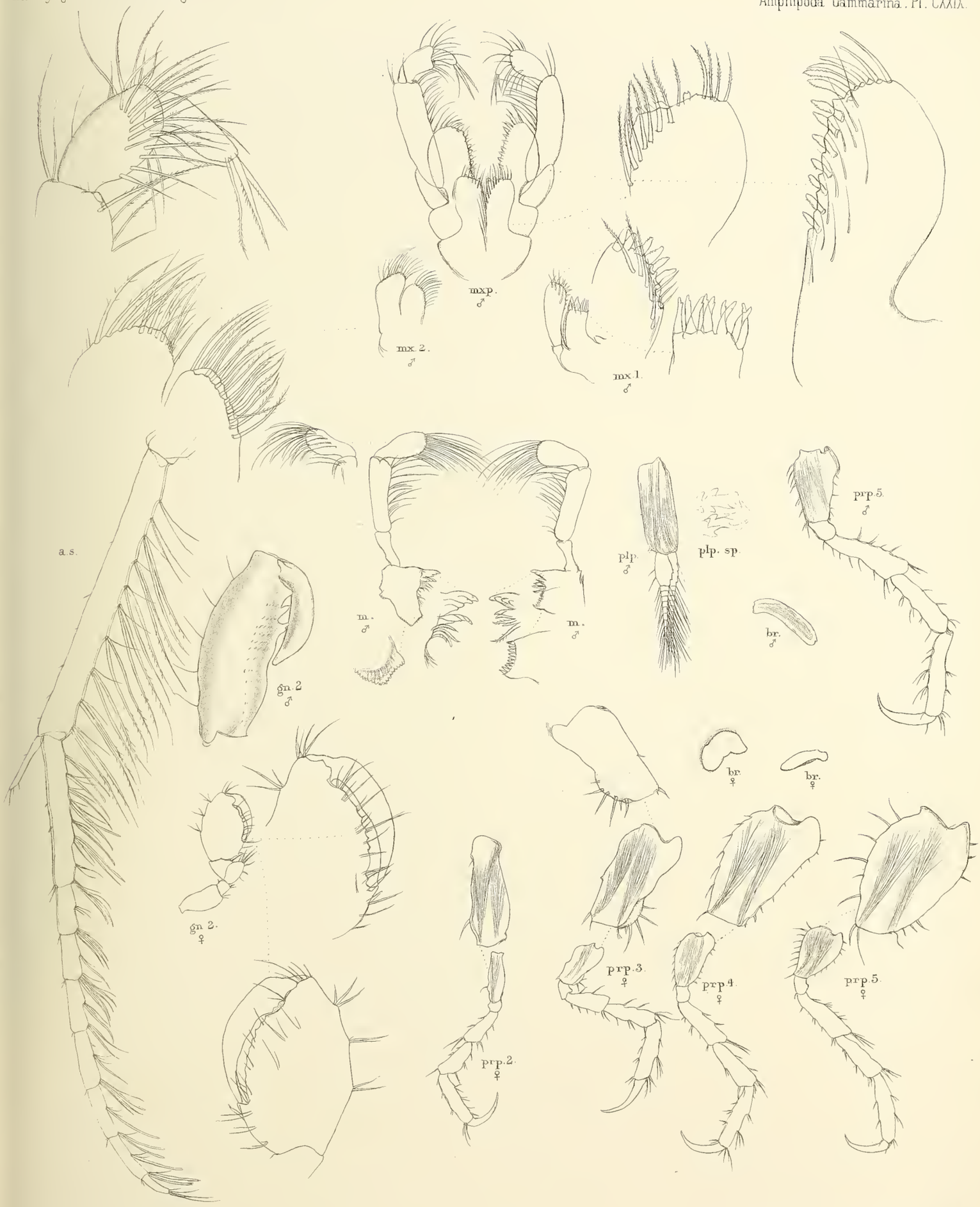
CAMACHO BATHYPLOUS, n. sp.



R. R. Stubbing del. F. H. Michael lith.

Mintern Bros. imp.

PLATOPHIUM DANÆ, n. sp.



T.R.R. Stebbing del. W.H. Crowther lith.

Mintern Bros. imp.

PLATOPHIUM DANÆ, n. sp.

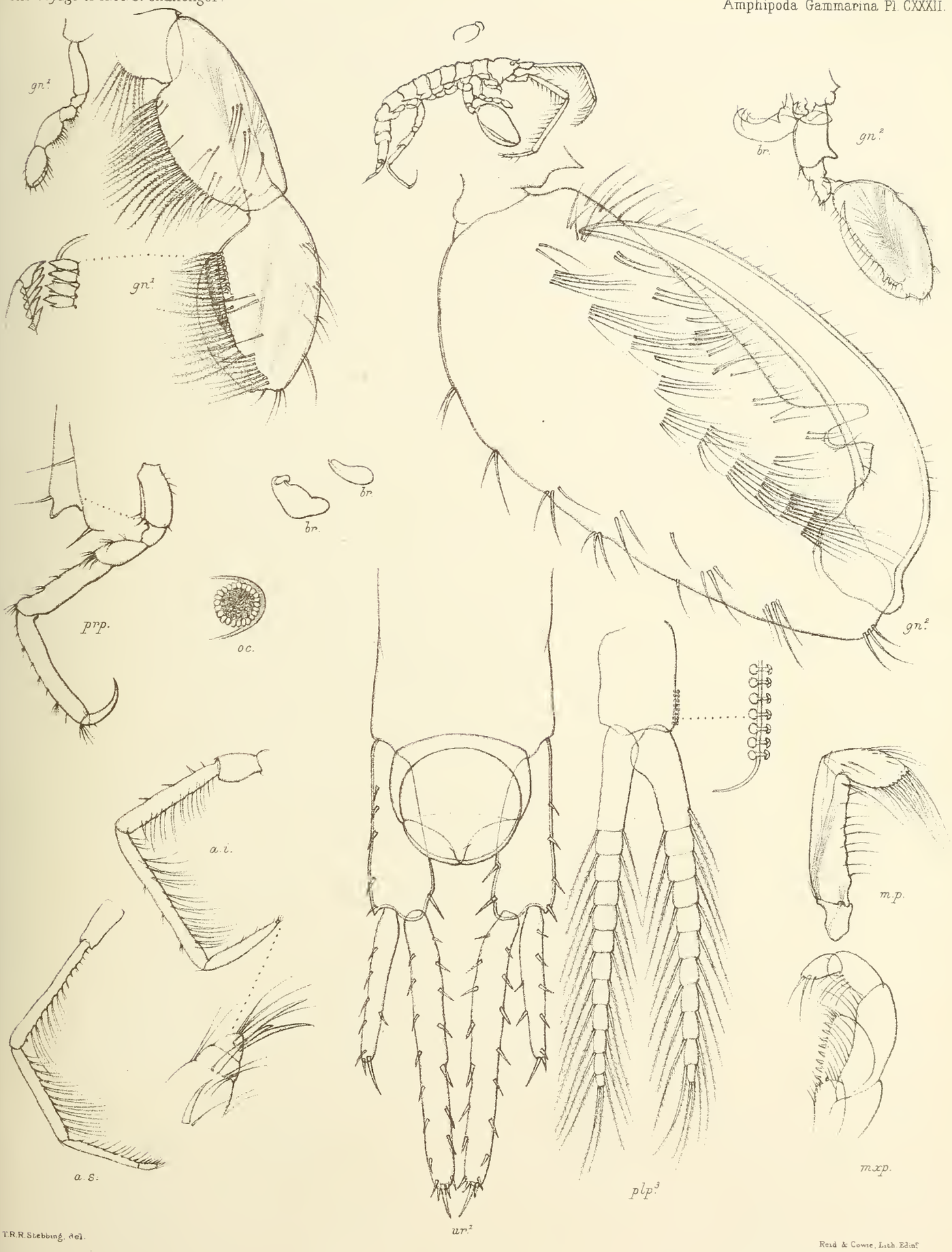
T.R.R. Stebbing del. F.H. Michael lith.

PLATOPHIUM CHELONIÆ, n. sp.

R.P. Stebbing del. F.H. Michael lith.

Mintern Bros. imp.

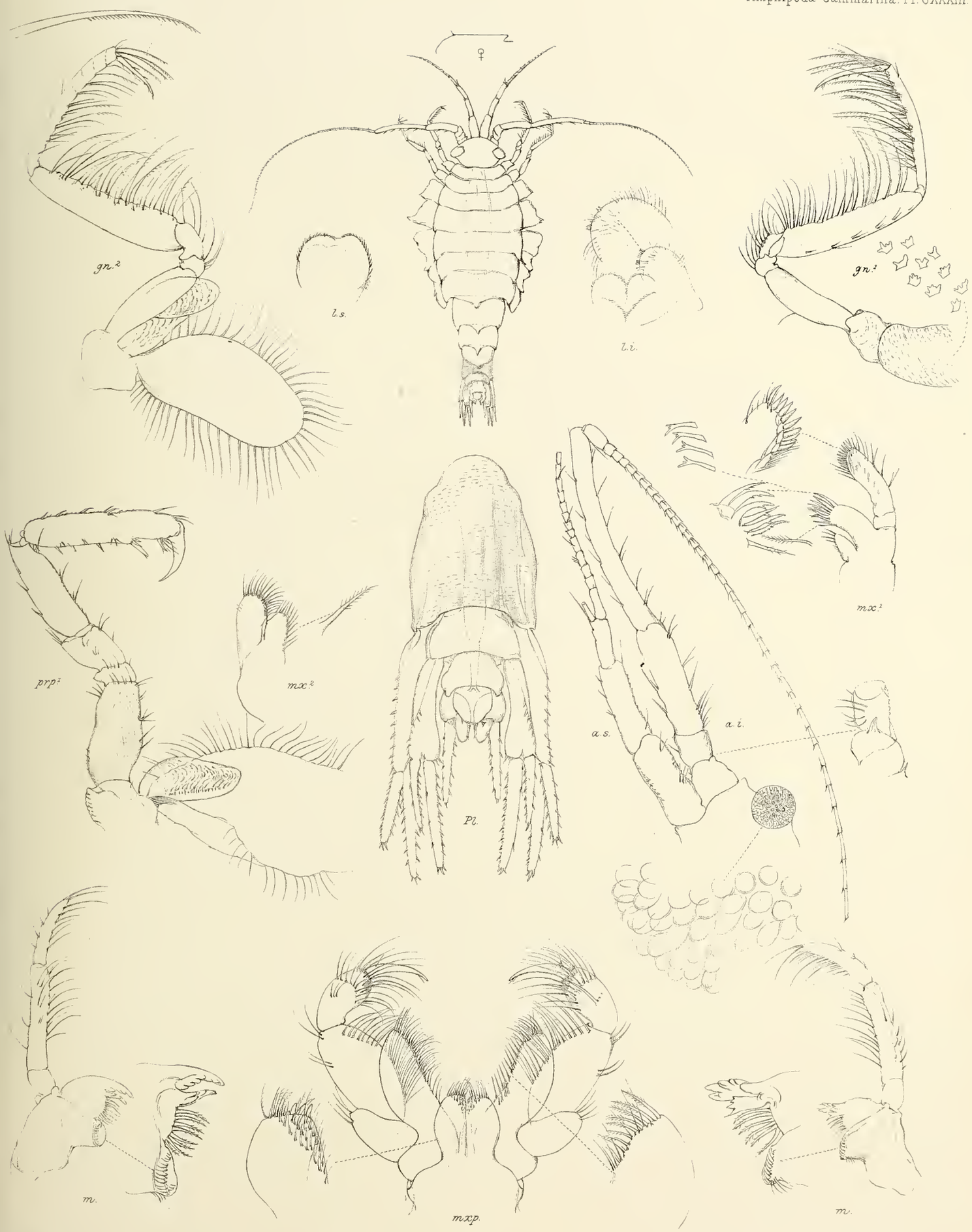
PLATOPHIUM INCONSPICUUM, n. sp.



T.R.R.Stebbing, del.

Reid & Cowie, Lith. Edinr.

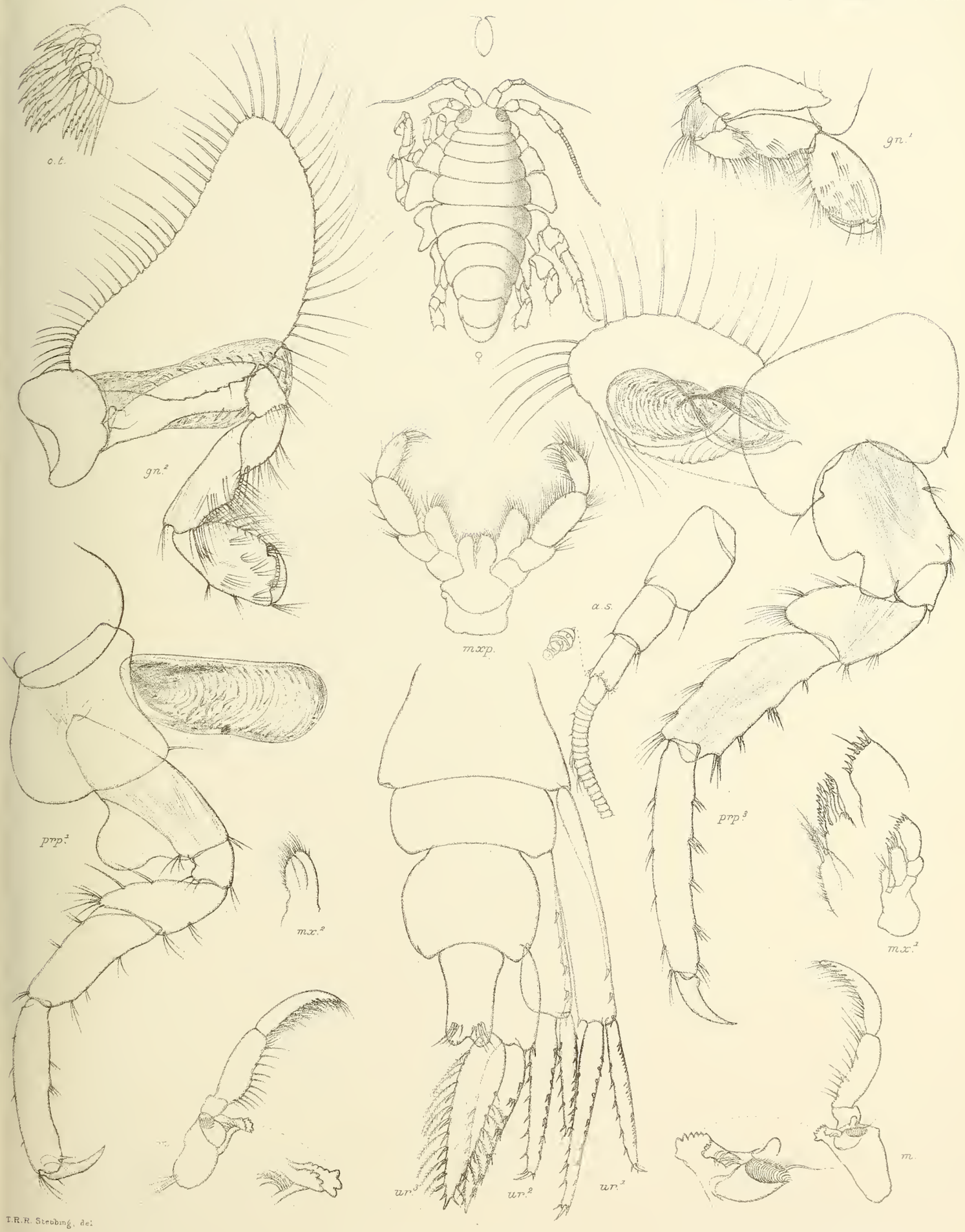
LÆTMATOPHILUS PURUS, n. sp.



T.R.R. Stebbing del.

F. Huth, Lith.r Edin.

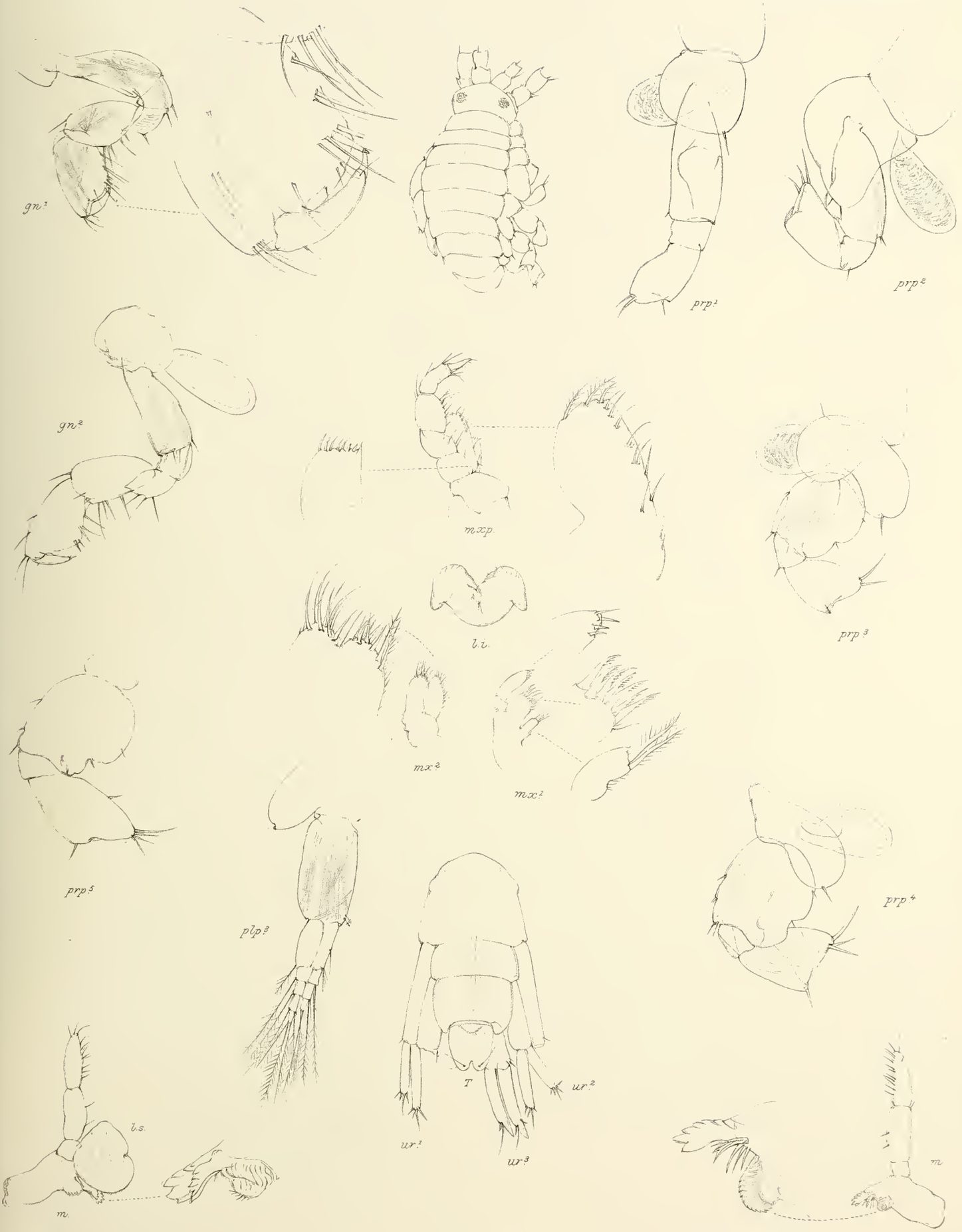
ICILIUS DANÆ, n. sp.



T.R.R. Stebbing, del.

Reid & Cowie, Lith. Edin.

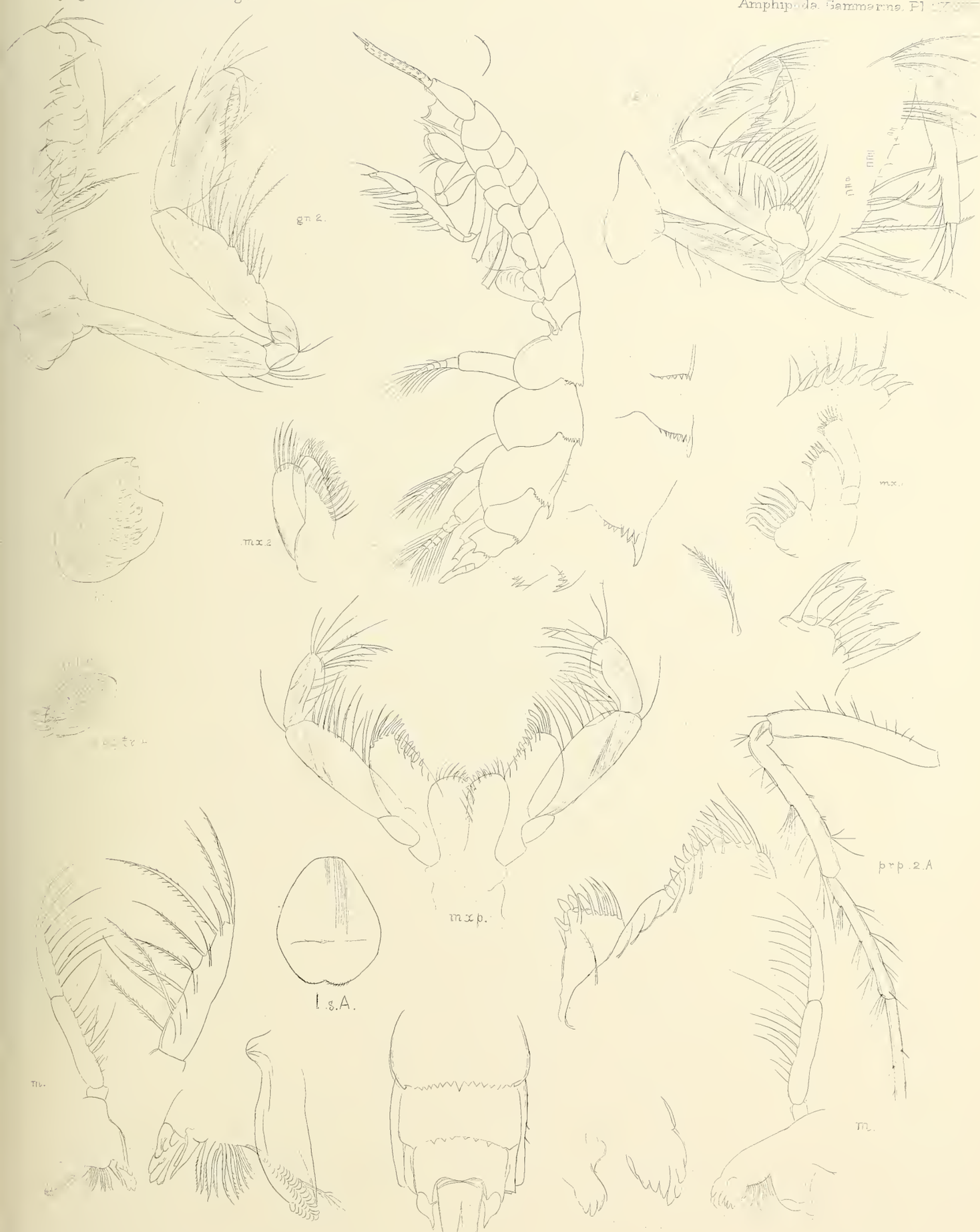
CHOSROËS INCISUS, n.g. et sp.



T.R.R. Stebbing del

P. Huth, Lith.r Edin.r

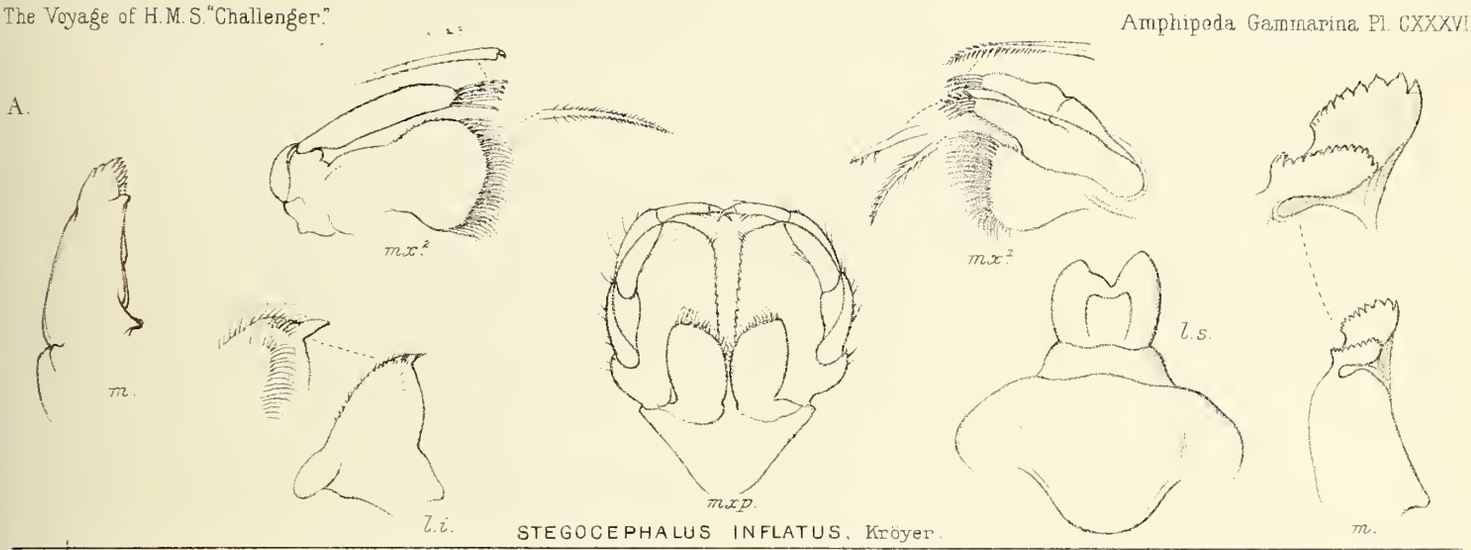
CHOSROËS INCISUS, n. sp.



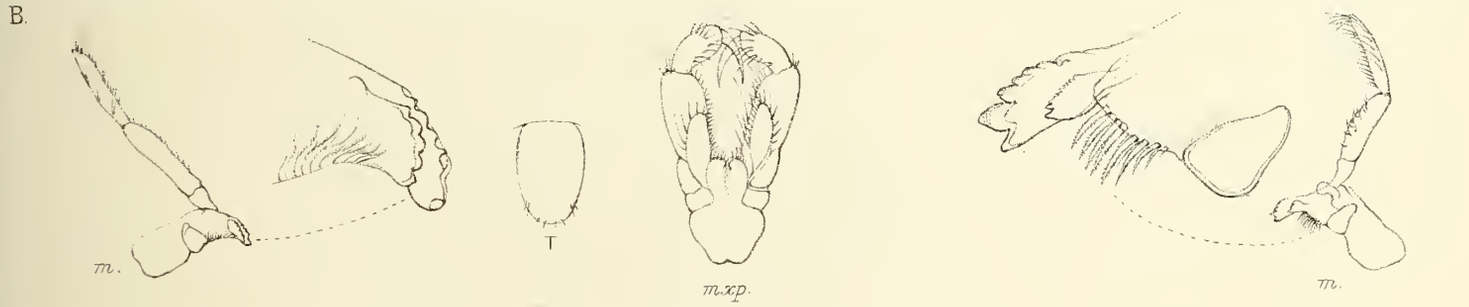
NEOHELA SERRATA, n.sp.

J.R.R.Stebbing del.
C.S.Saunders sc.

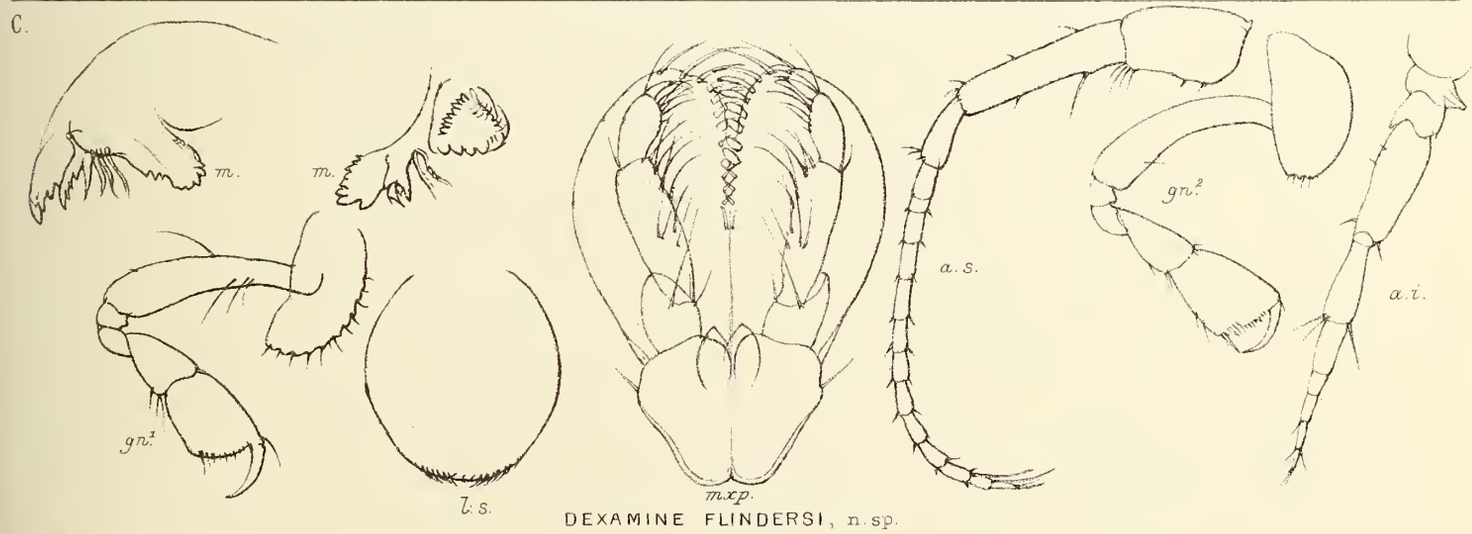
West, Newman & Comp.



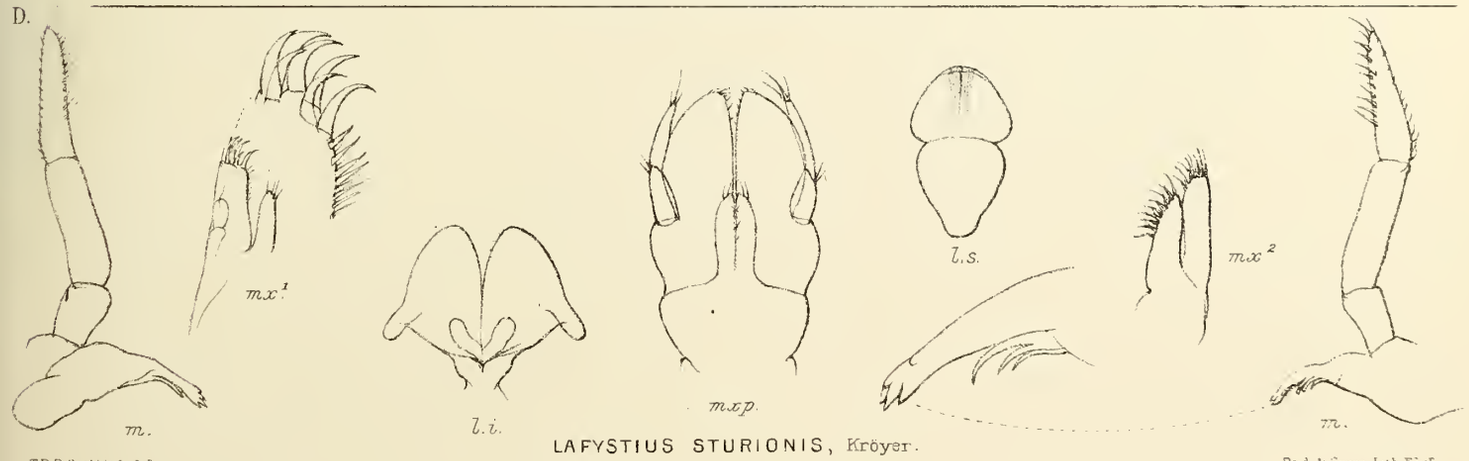
STEGOCEPHALUS INFLATUS, Kröyer.



ŒDICEROS LYNCEUS, M. Sars.



DEXAMINE FLINDERSI, n.sp.

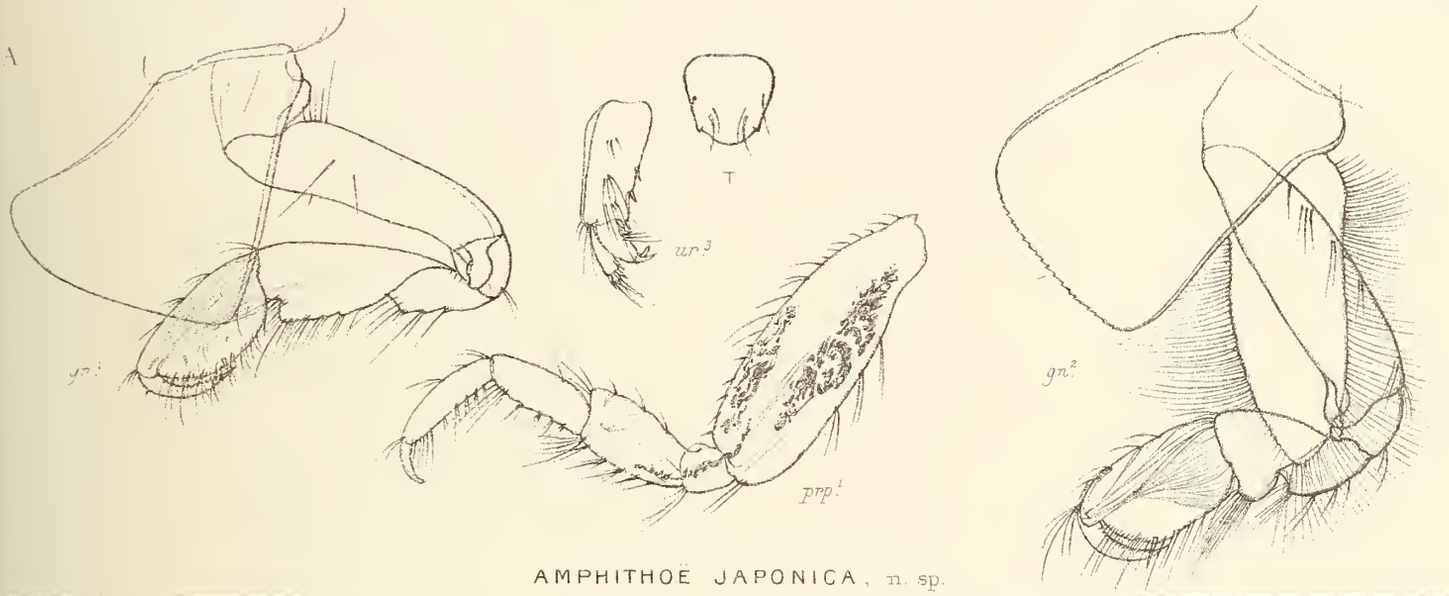


LAFYSTIUS STURIONIS, Kröyer.

T.R.R Stebbing, del.

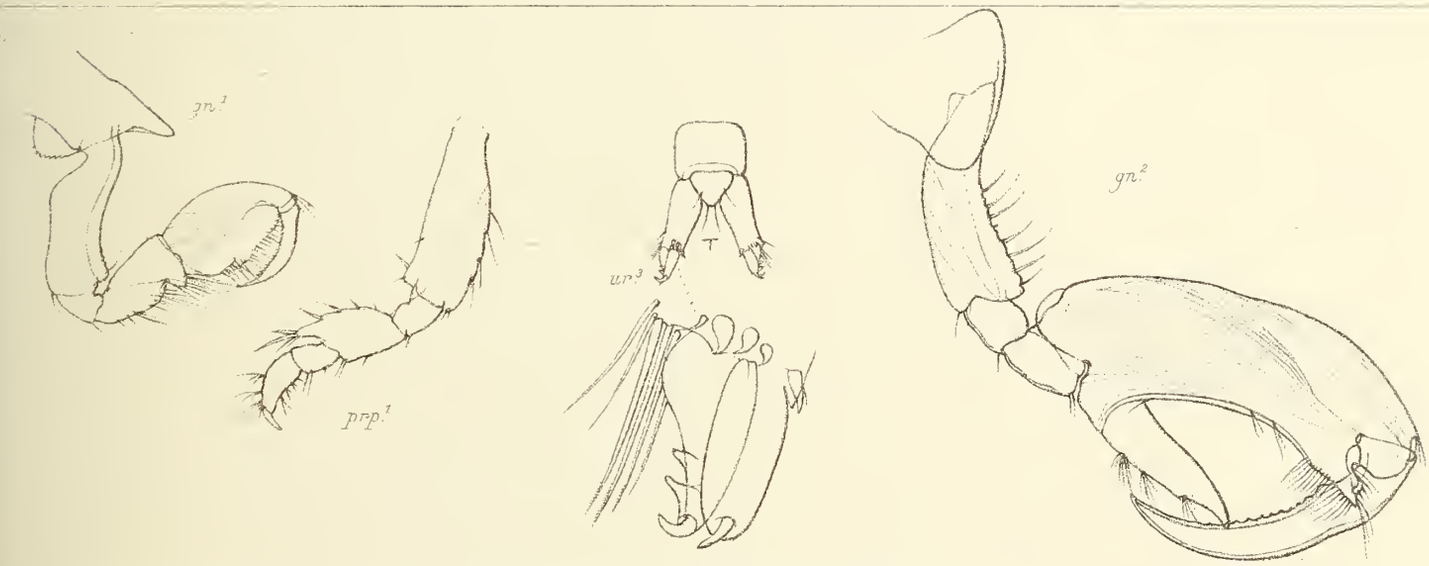
Read & Cowie Lith Edinr

A



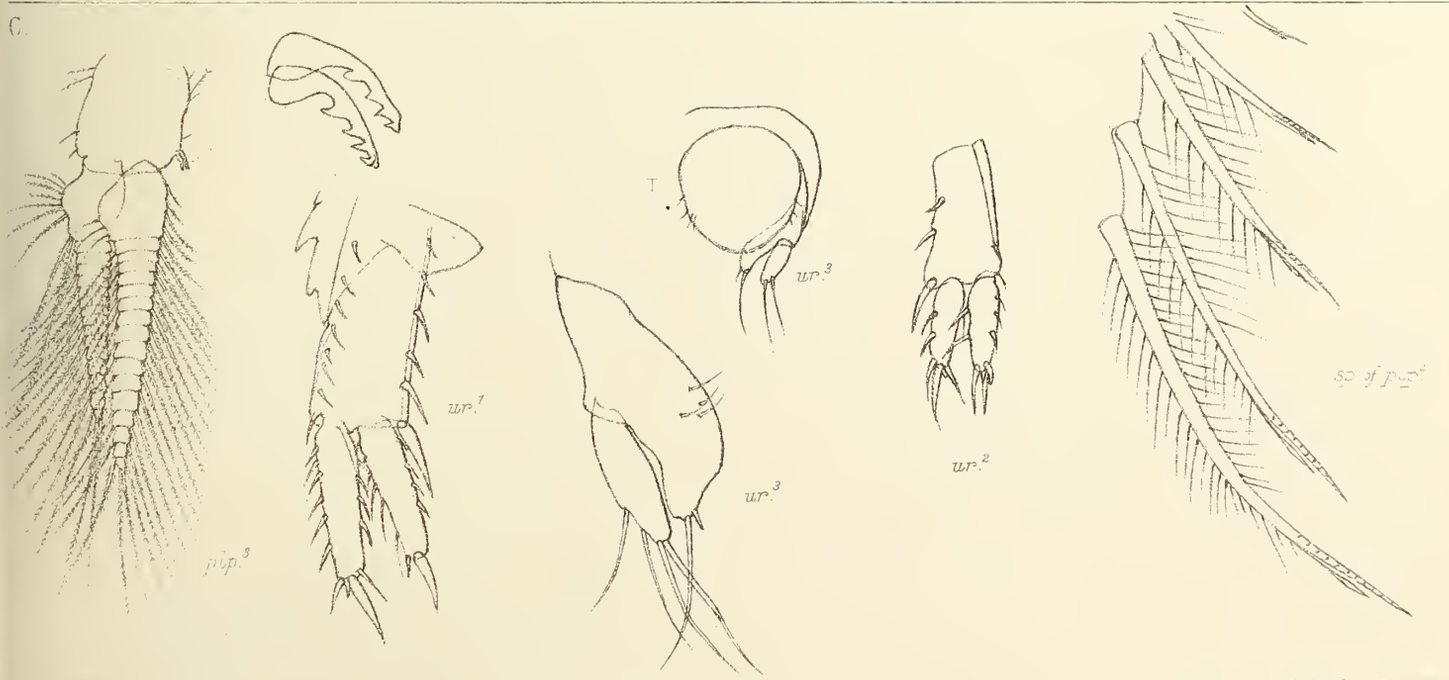
AMPHITHOE JAPONICA, n. sp.

B.



PODOCERUS VALIDUS, Dana. (sp.)

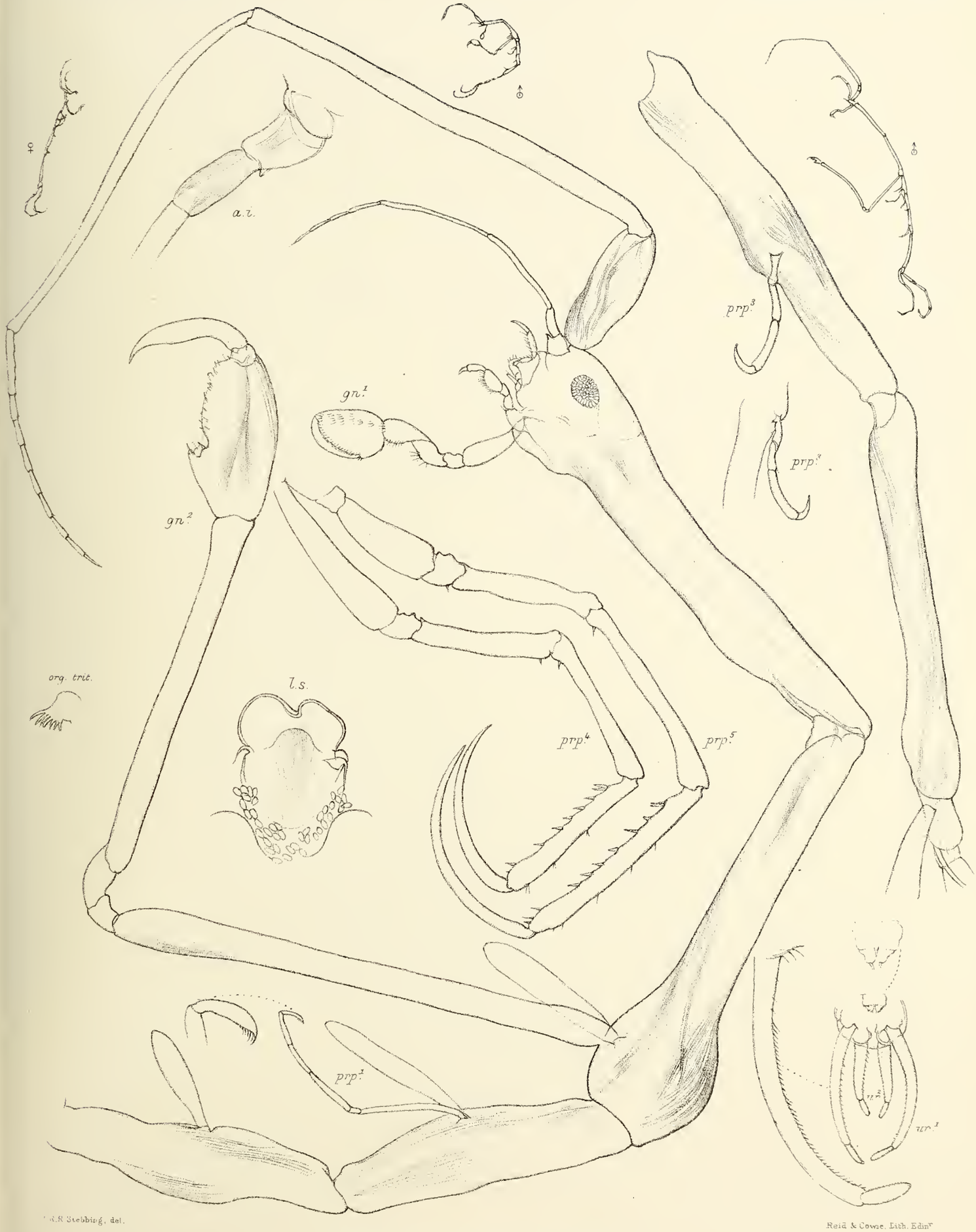
C.



UNCIOLA IRRORATA, Say.

MISCELLANEA.

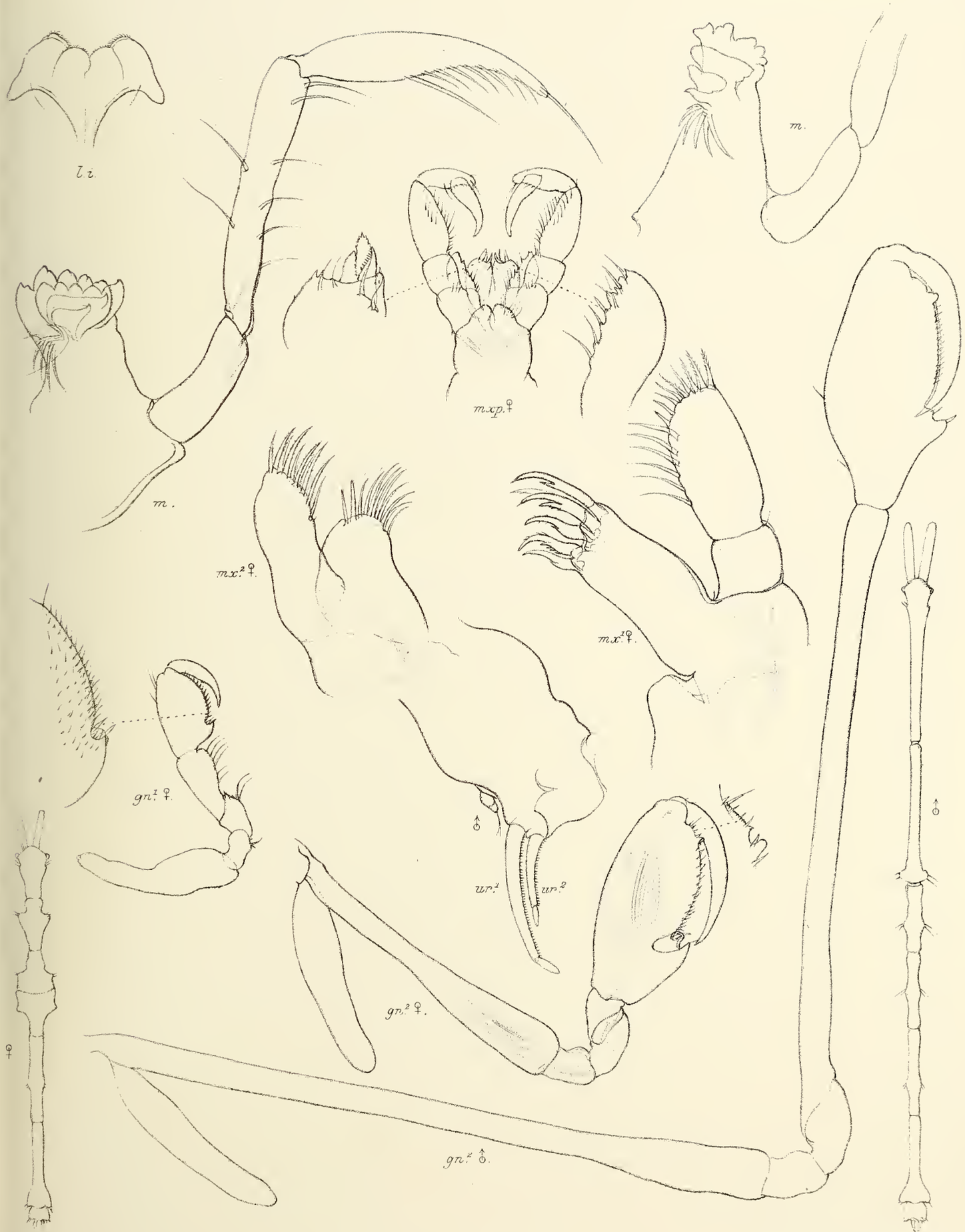
NATURAL HISTORY



A.R. Stebbing, del.

Reid & Cowie. Lith. Edinr

DODECAS ELONGATA, Stebbing.

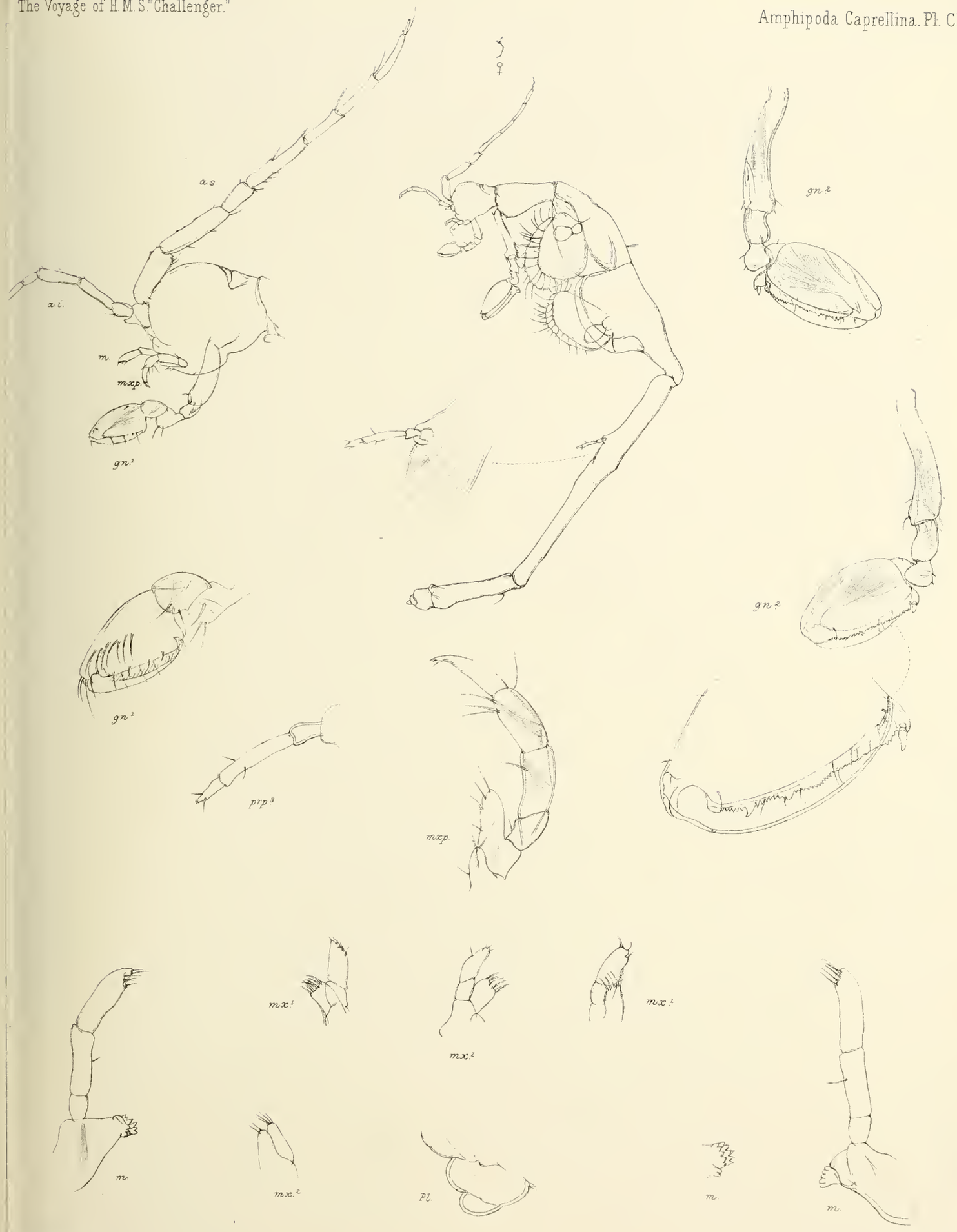


T.R.R.Stebbing, del.

DODECAS ELONGATA, Stebbing

Reid & Cowie, Lith. Edinr.

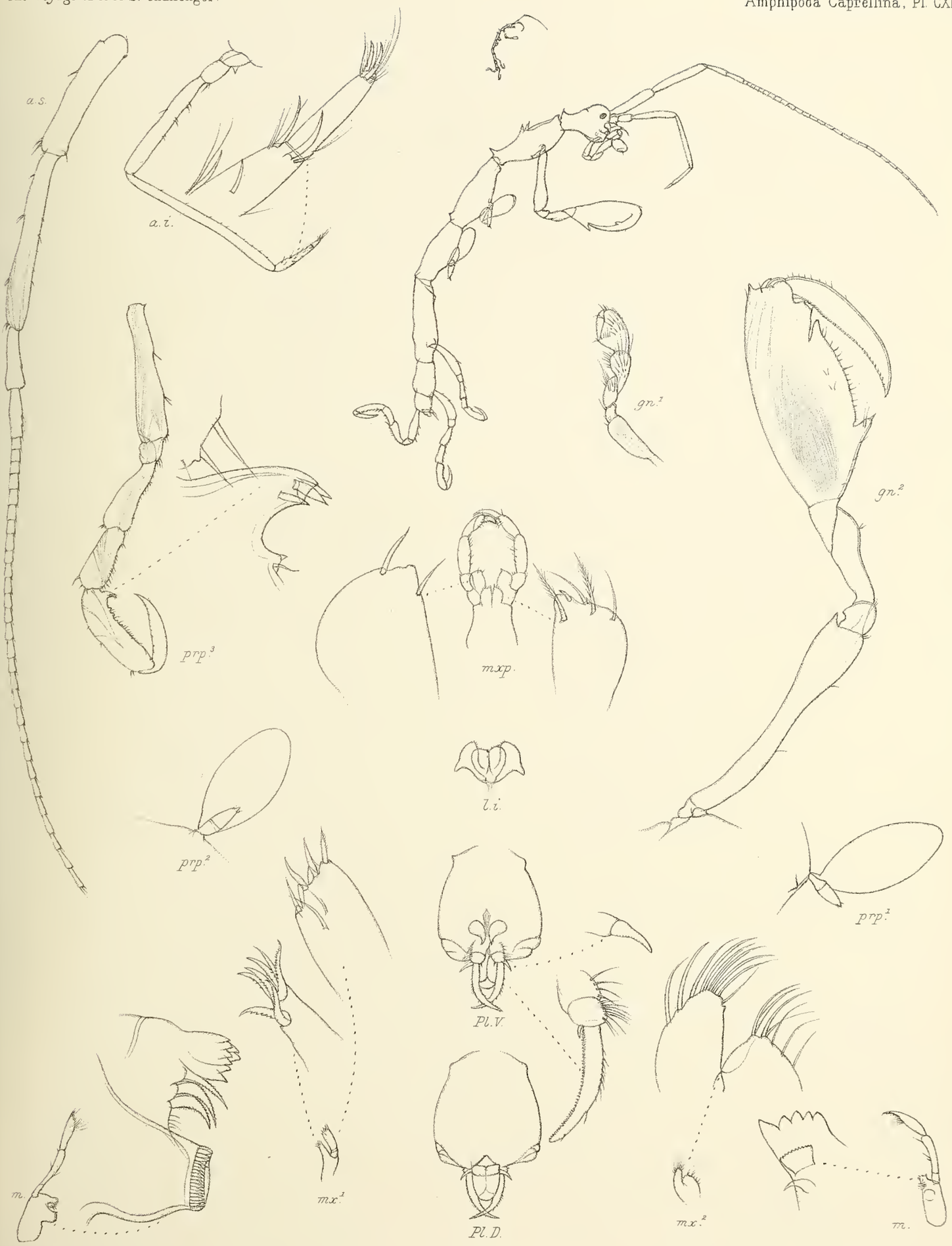
NATURAL HISTORY



W.R.R. Stebbing del.

F. Huth, Lith.t Edin.r

CAPRELLINOIDES TRISTANENSIS, n.g. et sp.

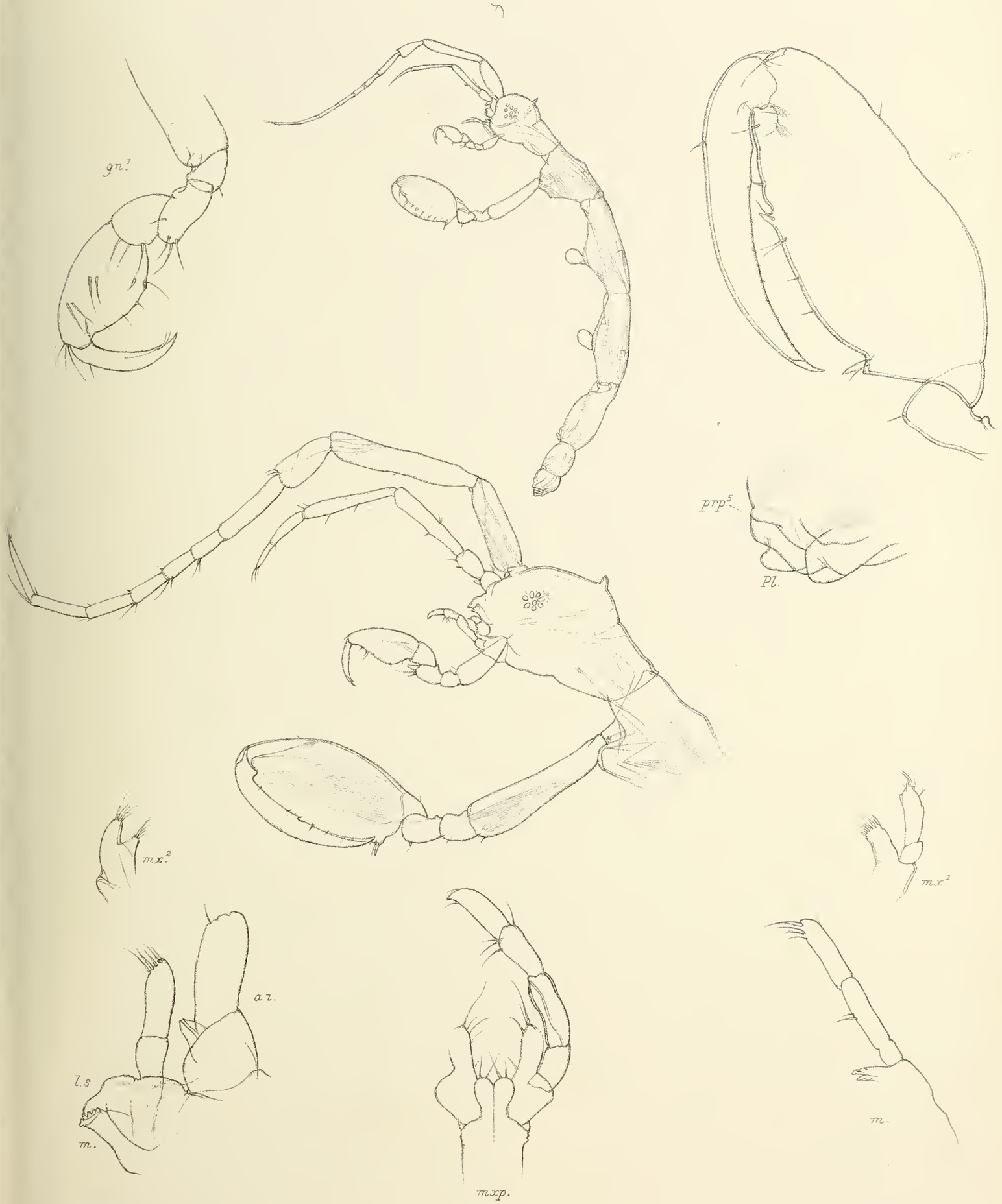


T.R.R. Stebbing, del.

Reid & Cowie, Lith. Edinr.

PROTELLOPSIS KERGUELENI, n. g. et sp.

NATURAL HISTORY

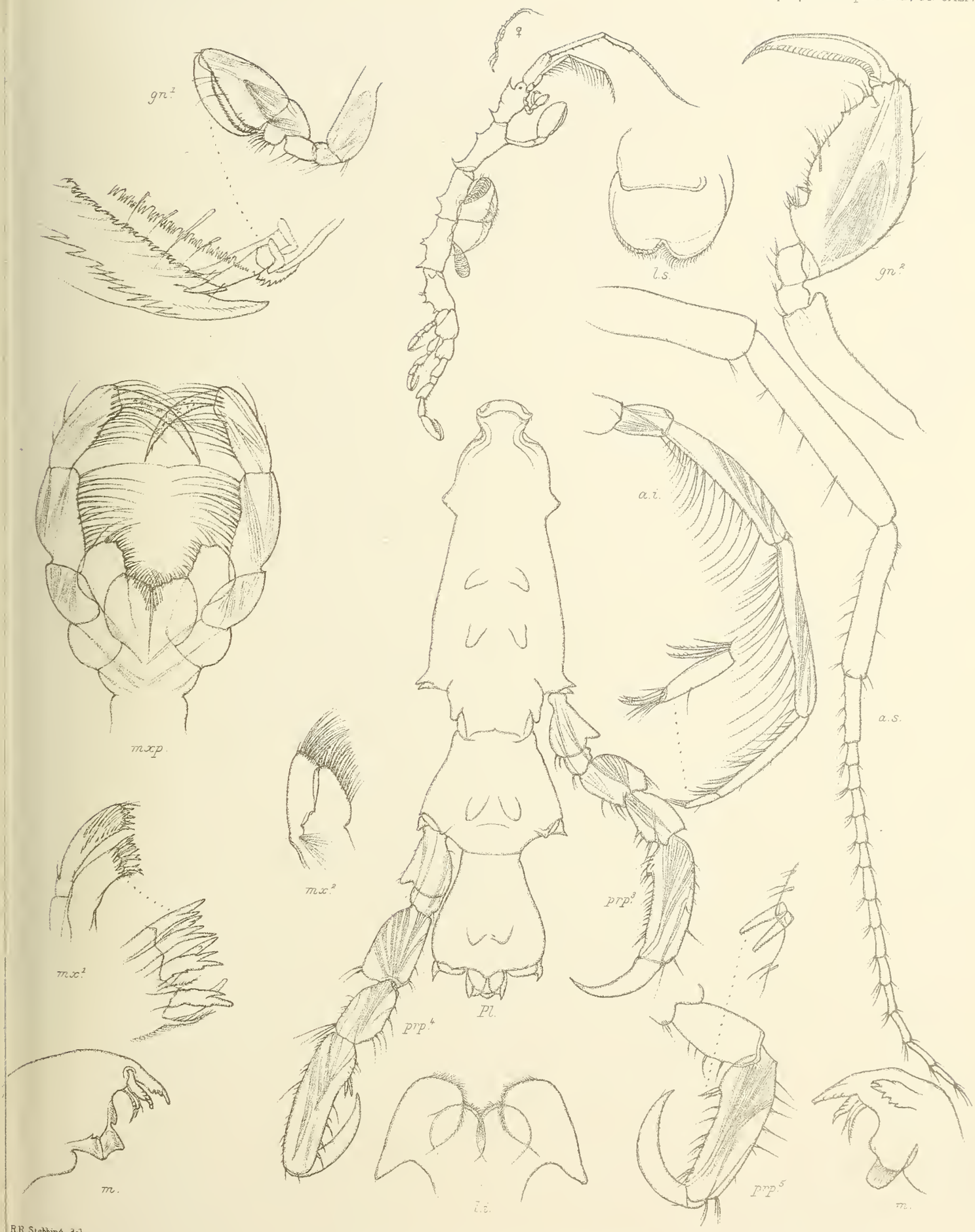


T.R.R. Stebbing, del.

Reid & Cowie, lith. Edin.

ÆGINELLA TRISTANENSIS, n. sp.

NATURAL HISTORY

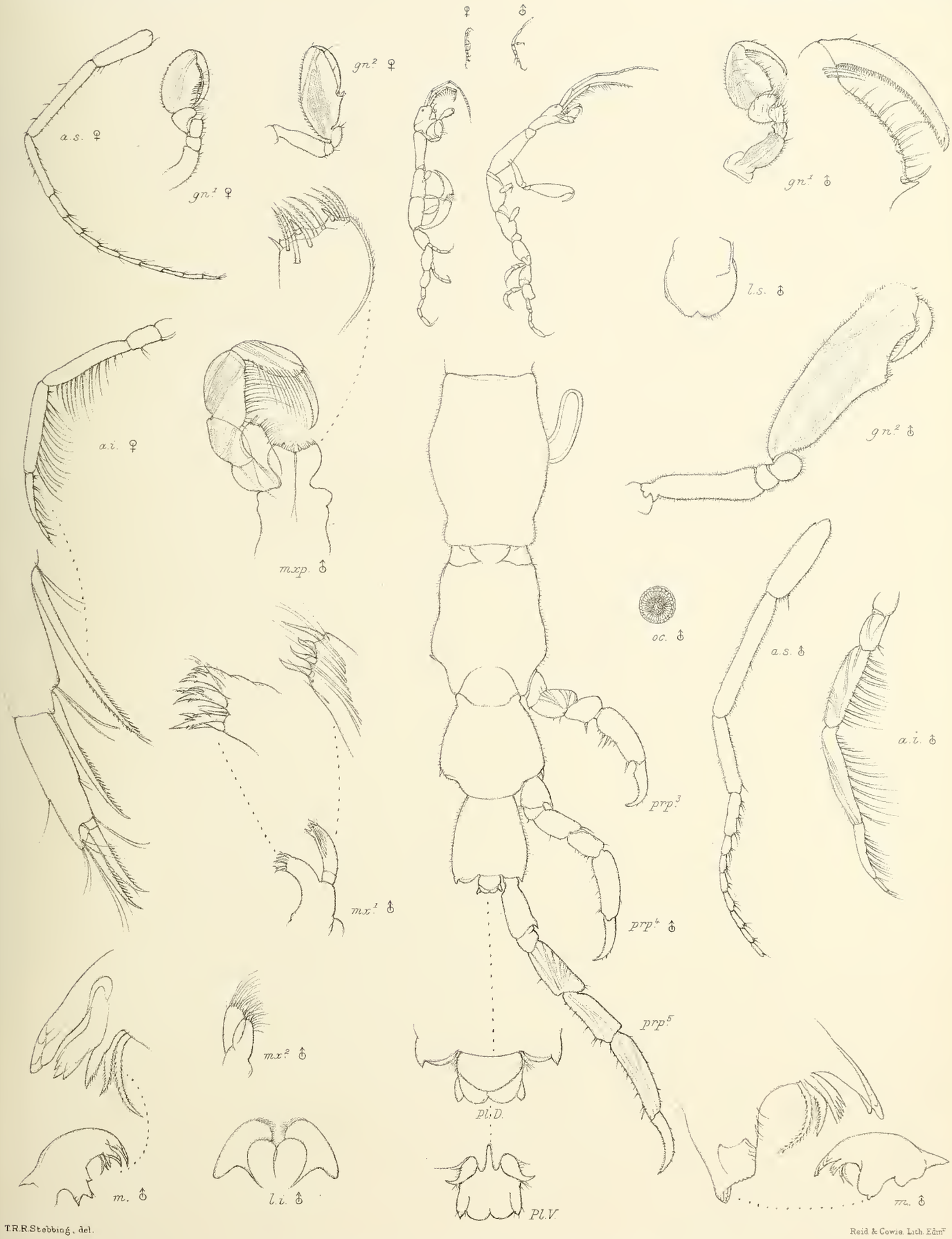


R.R Stebbing, del.

CAPRELLA SCAURA, Templeton.

Reid & Cowie, Lith. Edin.

NATURAL HISTORY

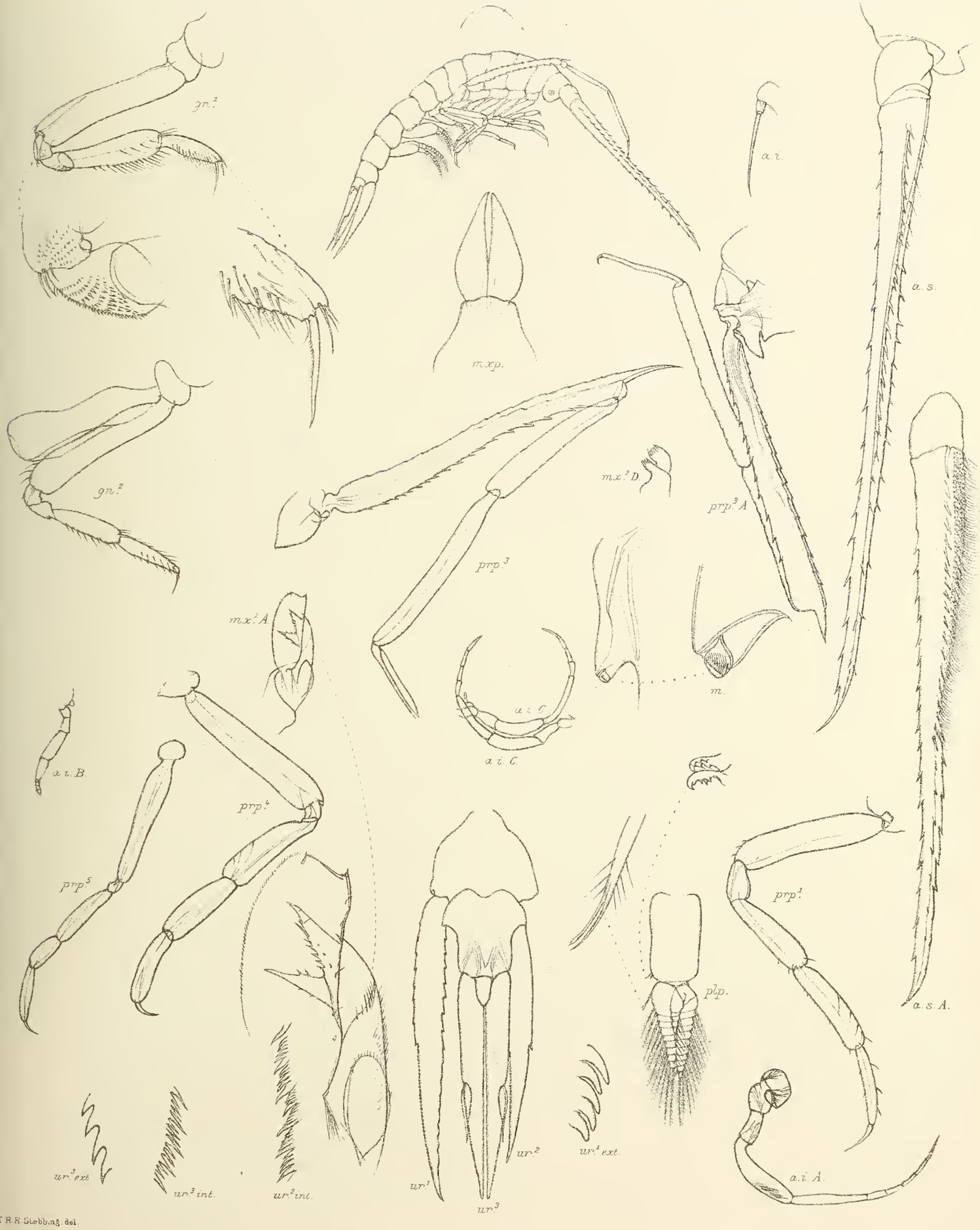


T.R.R.Stebbing, del.

Reid & Cowie. Lith. Edin.ʳ

CAPRELLA DANILEVSKII, Czerniavski.

NATURAL HISTORY

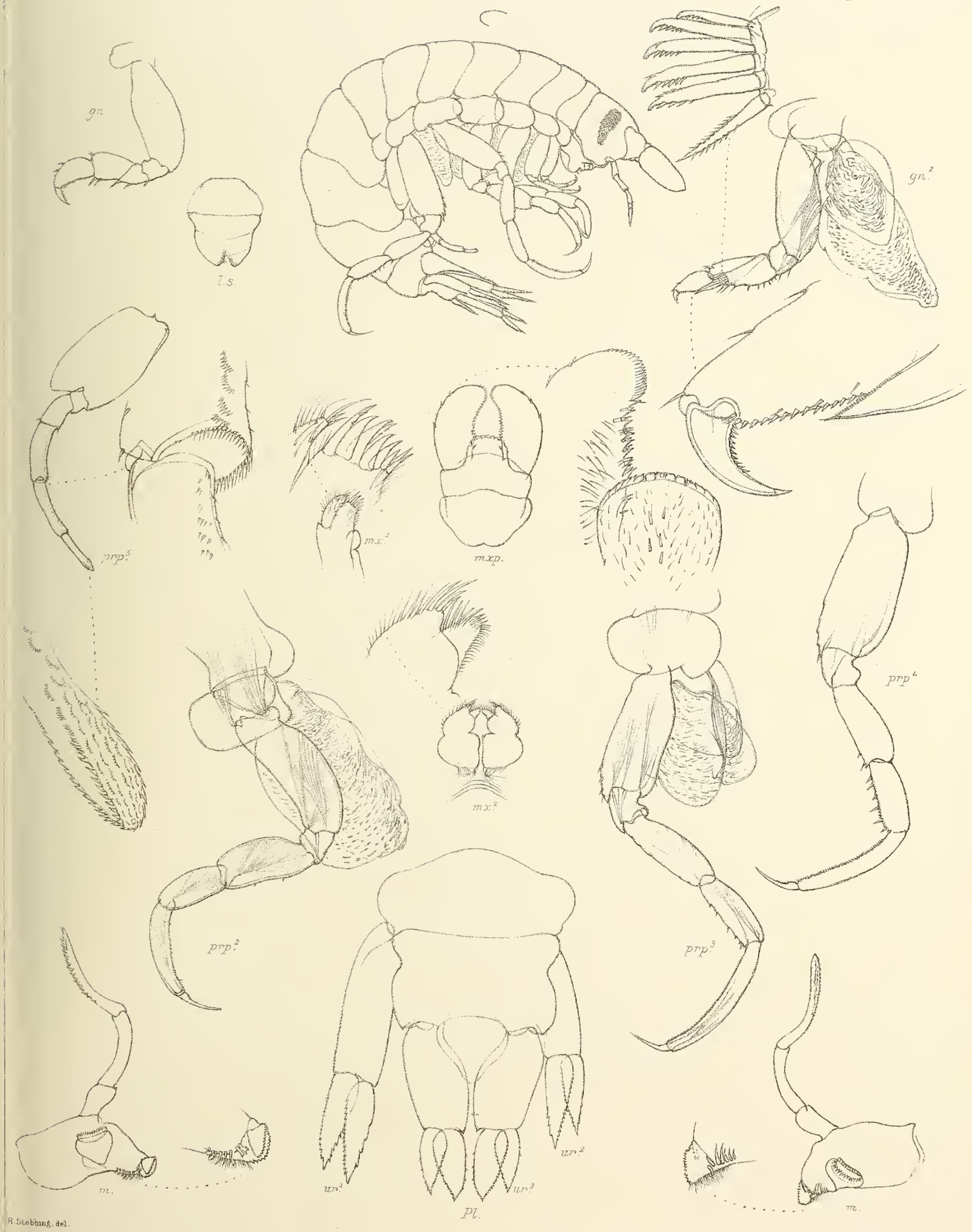


T.R.R. Stebbing del.

J.T. Rennie Reid, Lith. Edin.r

SCINÀ CORNIGERA, (Milne-Edwards)

BRITISH MUSEUM
NATURAL HISTORY



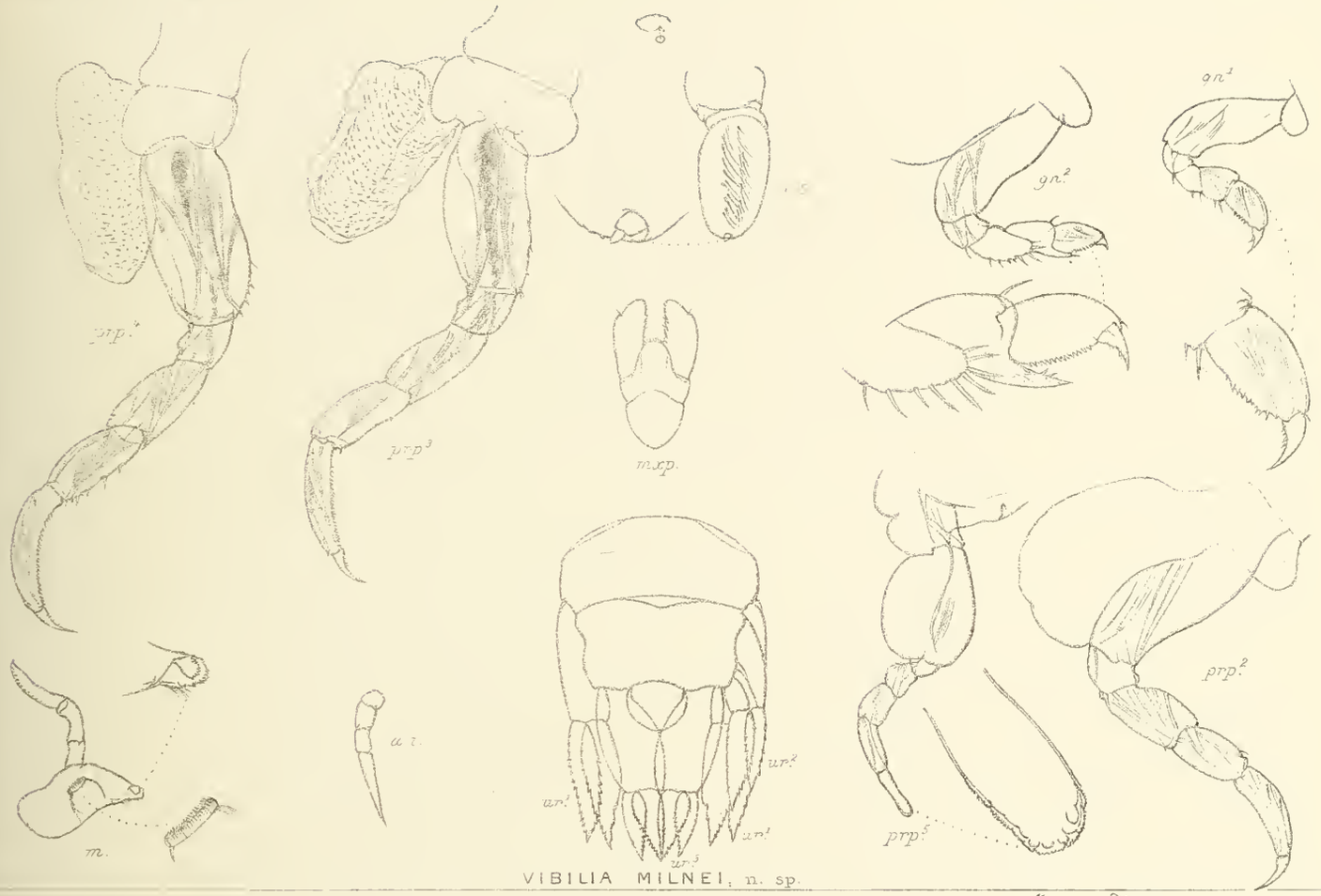
R. Stebbing, del.

VIBILIA PROPINQUA, n. sp.

Reid & Cowie Ath. Edin

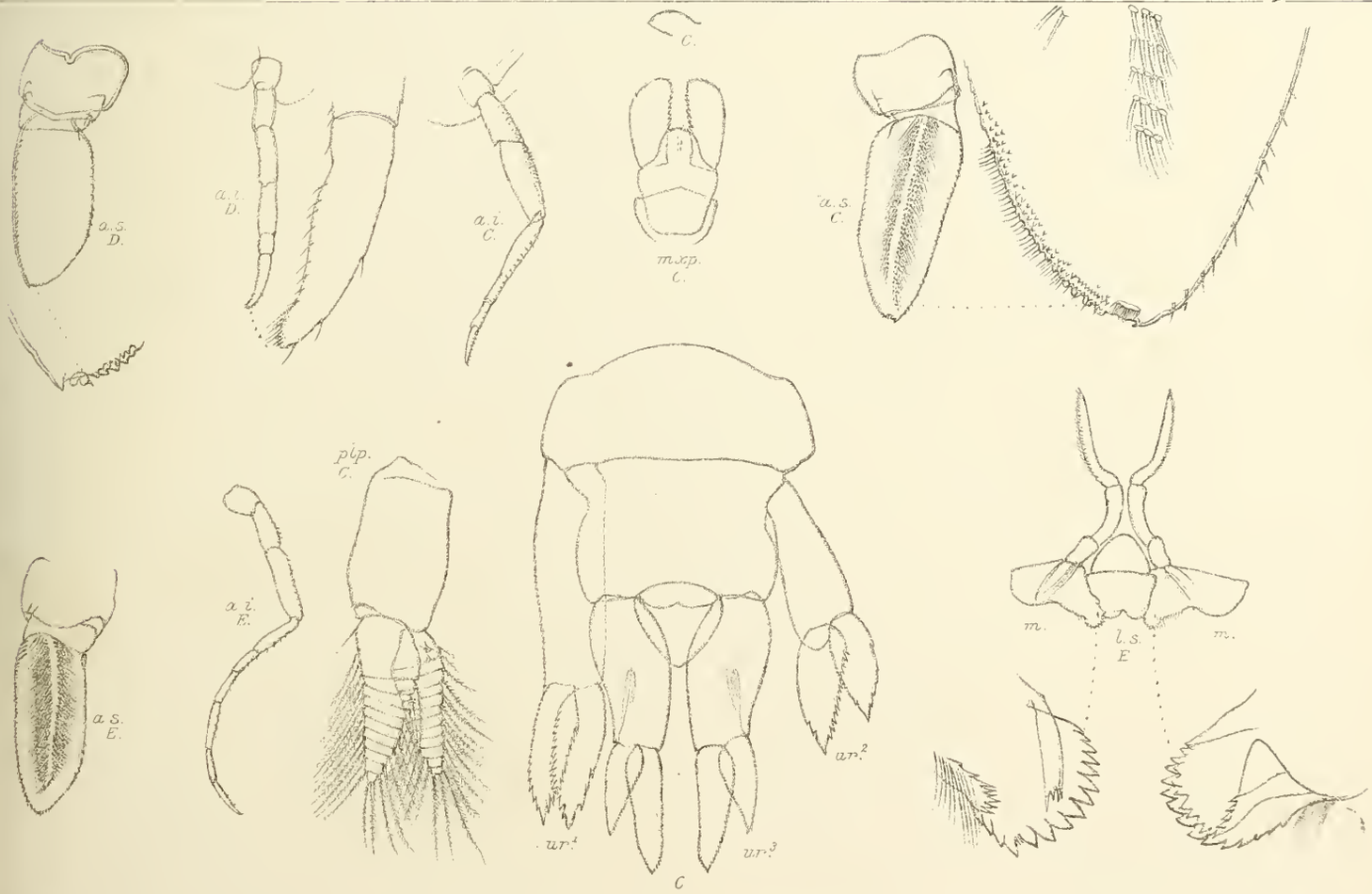
NATURAL HISTORY

A.



VIBILIA MILNEI, n. sp.

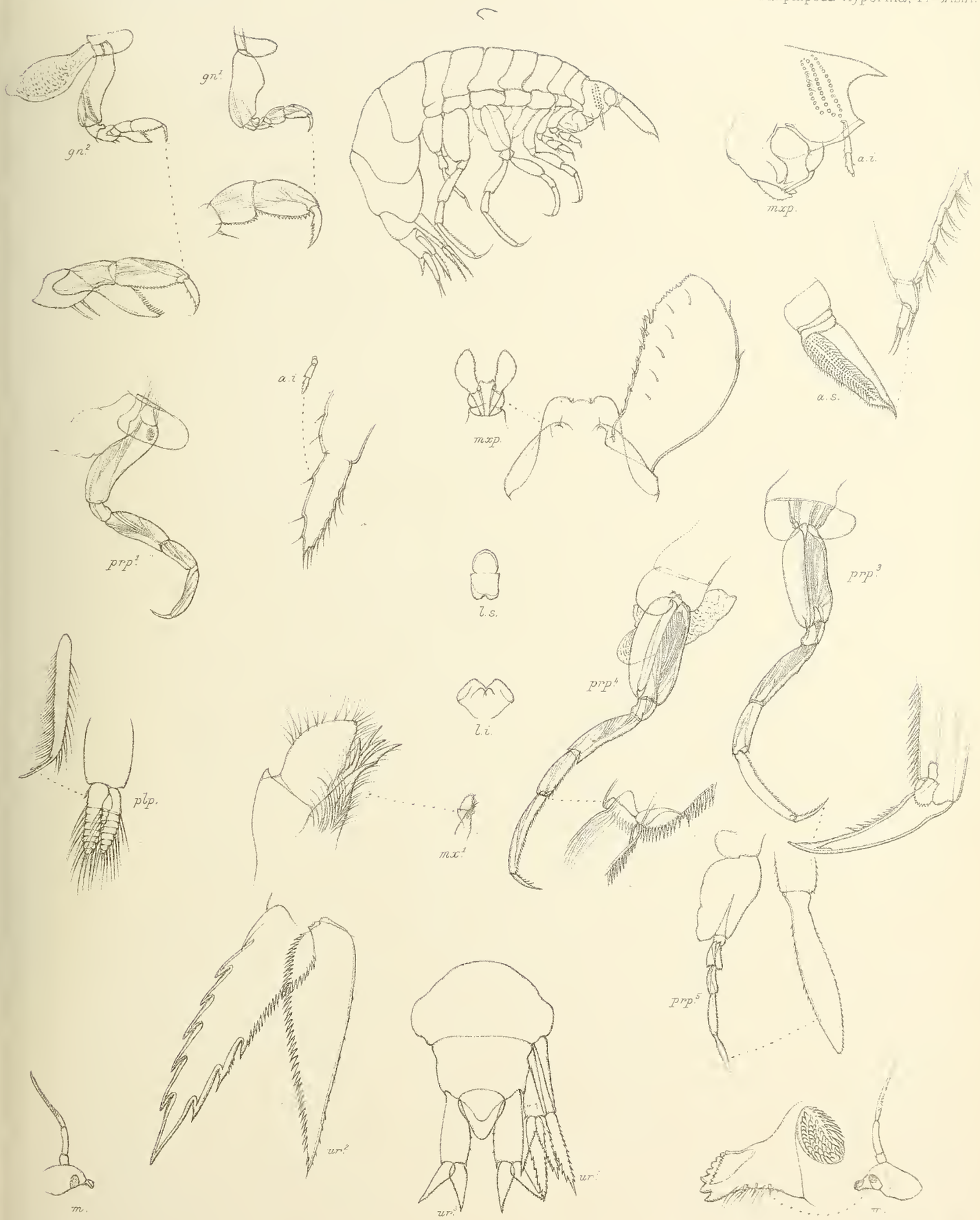
B.



T.R.R. Stebbing, del

Reid & Cowie, lith. Edin.

E. VIBILIA VIATOR, n. sp C.D. VIBILIA, sp.



T.R.R. Stebbing, del.

Reid & Lowne lith. Edin.

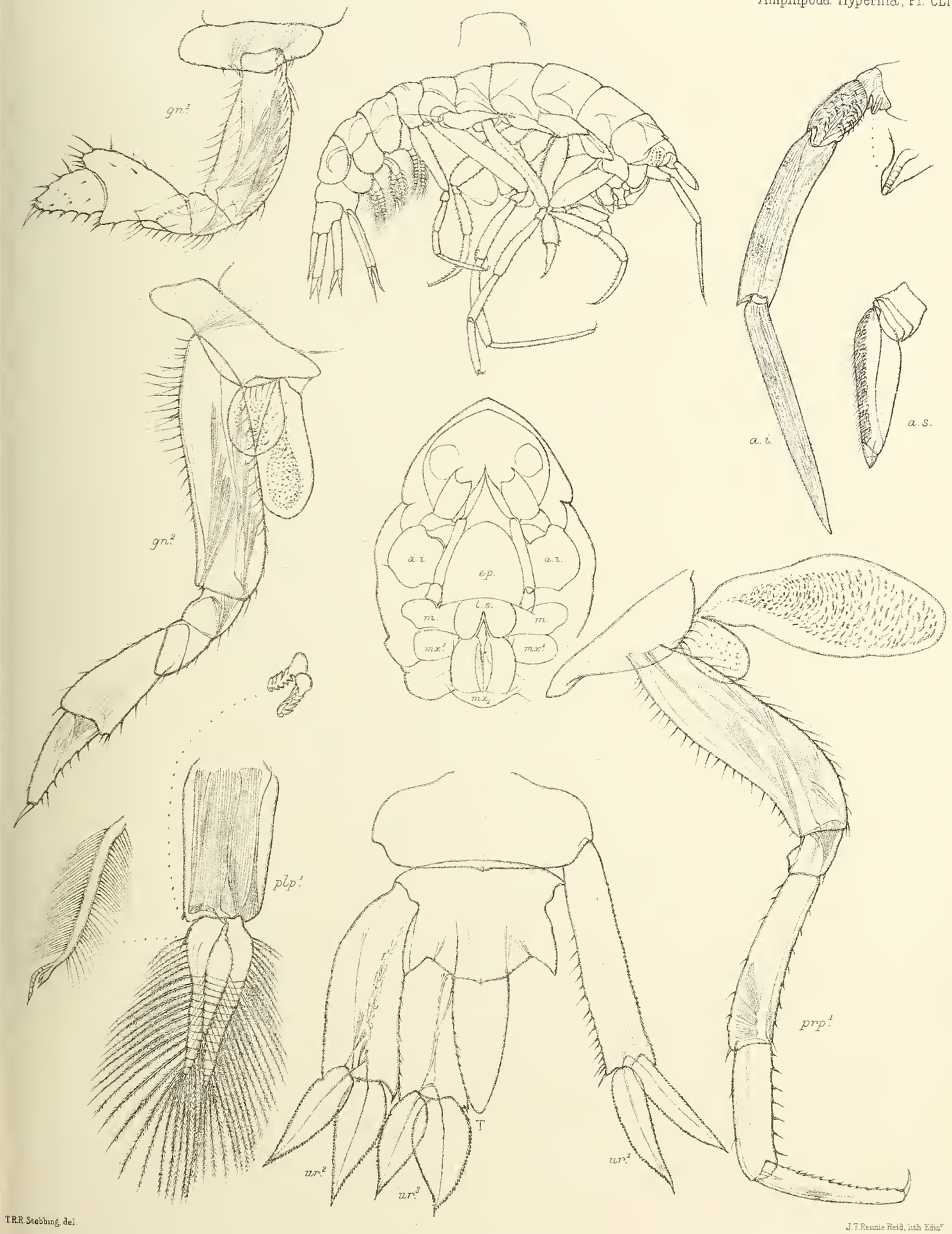
VIBILIA AUSTRALIS, n. sp.

NATIONAL HISTORY

T.R.R. Stebbing, del.

J.T.Rennie Reid, Lith. Edin.

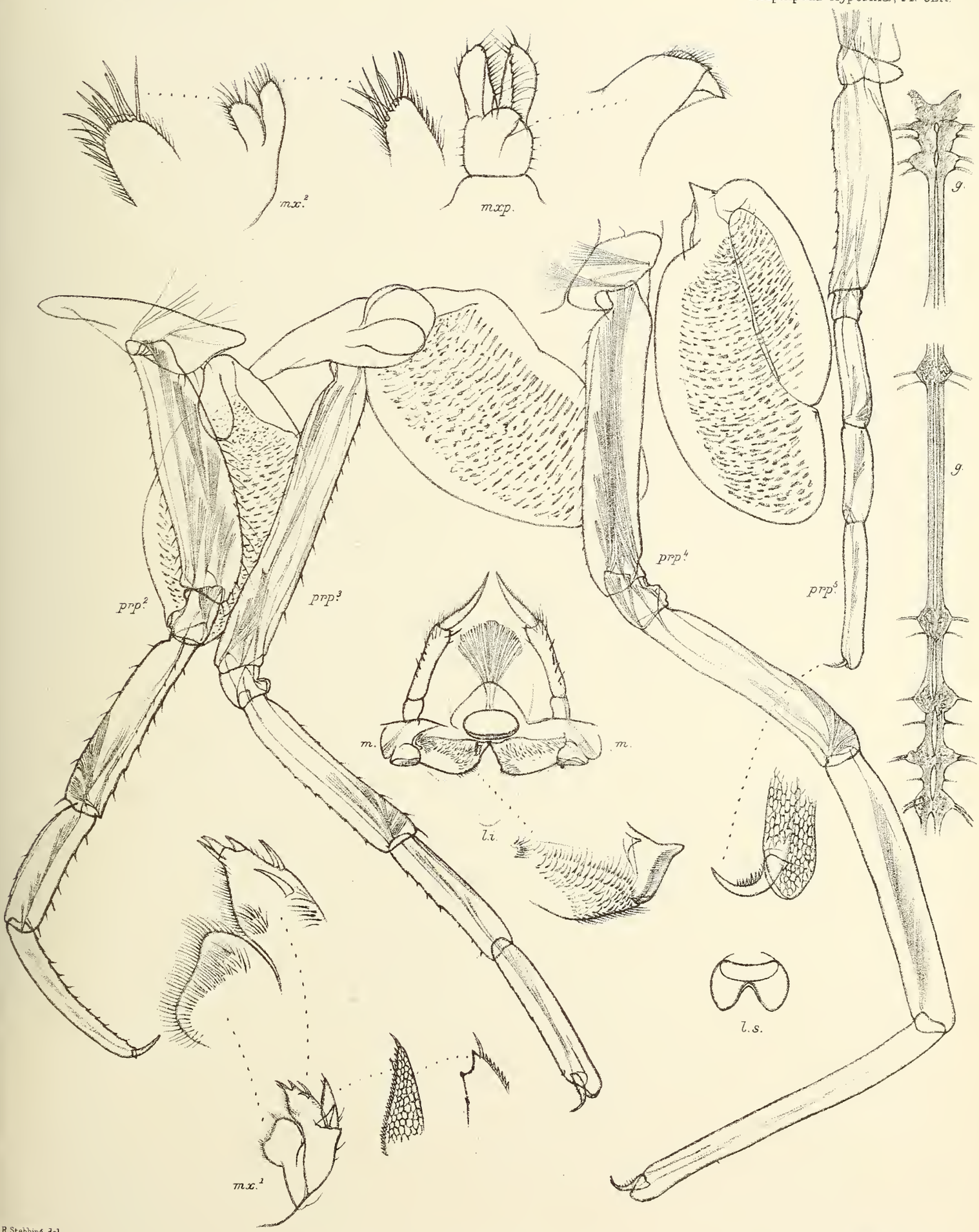
VIBILIA ANTARCTICA, n. sp.



T.R.R. Stebbing, del.

J.T. Rennie Reid, lith. Edin.r

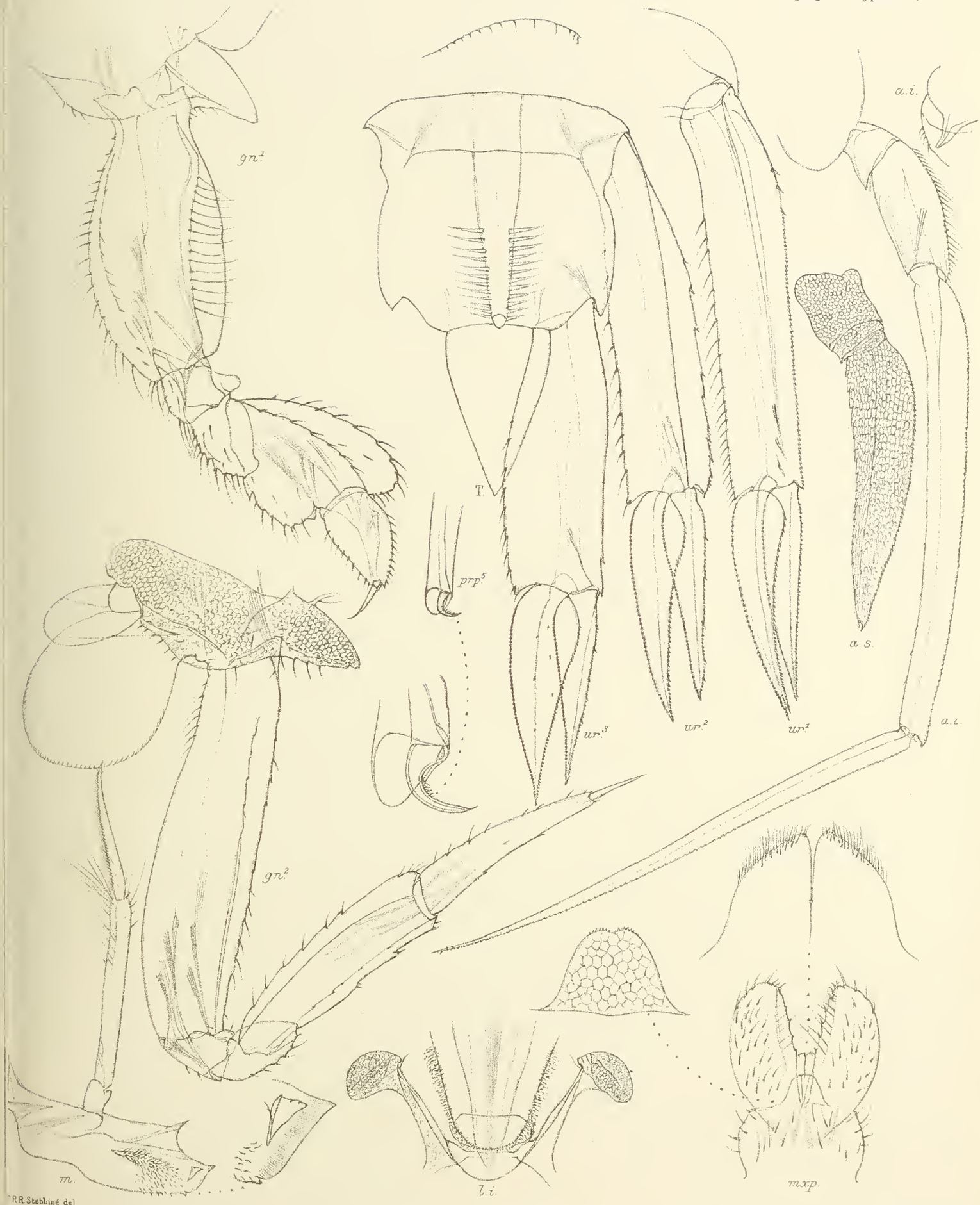
LANCEOLA PACIFICA, n. sp.



T.R.R. Stebbing, del.

J.T. Rennie Reid, lith. Edin.r

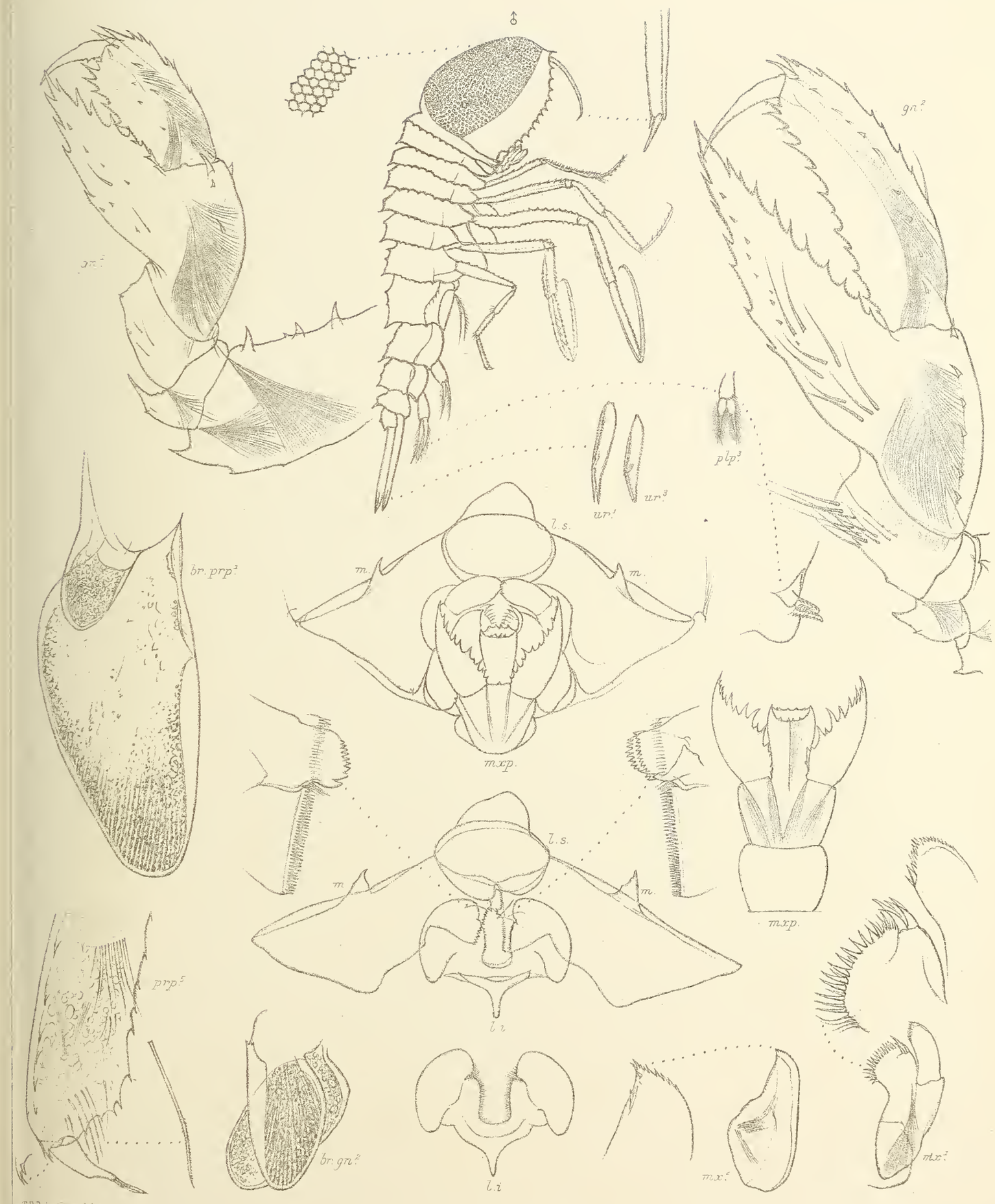
LANCEOLA PACIFICA, n. sp.



R.R. Stebbing del.

J.T. Renme Reid, lith. Edin.

LANCEOLA ÆSTIVA, n. sp.

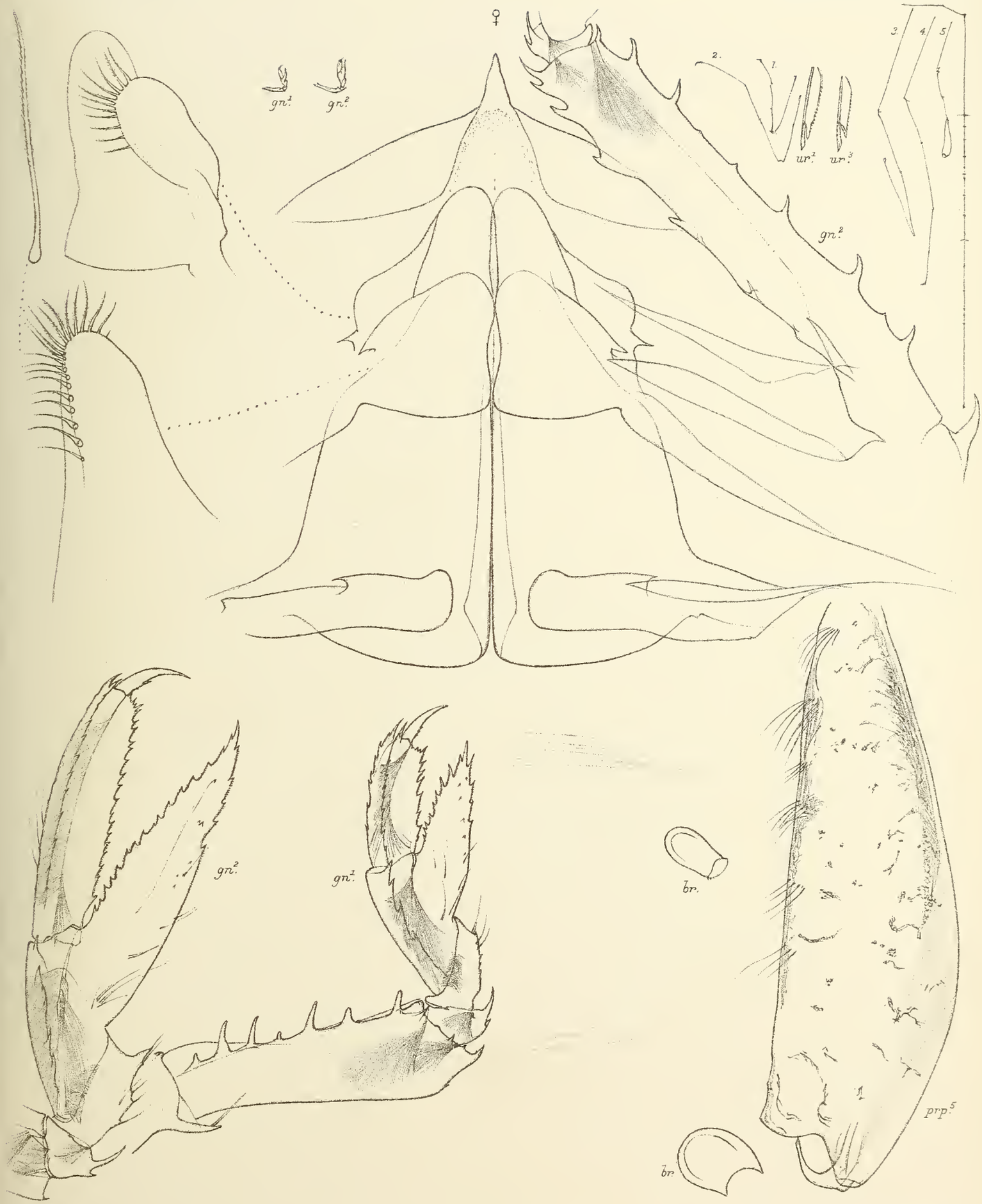


T.R.R. Stebbing, del.

J.T. Rennie Reid, ath. Edin.ᵍ

CYSTISOMA SPINOSUM (Fabricius).

NATURAL HISTORY

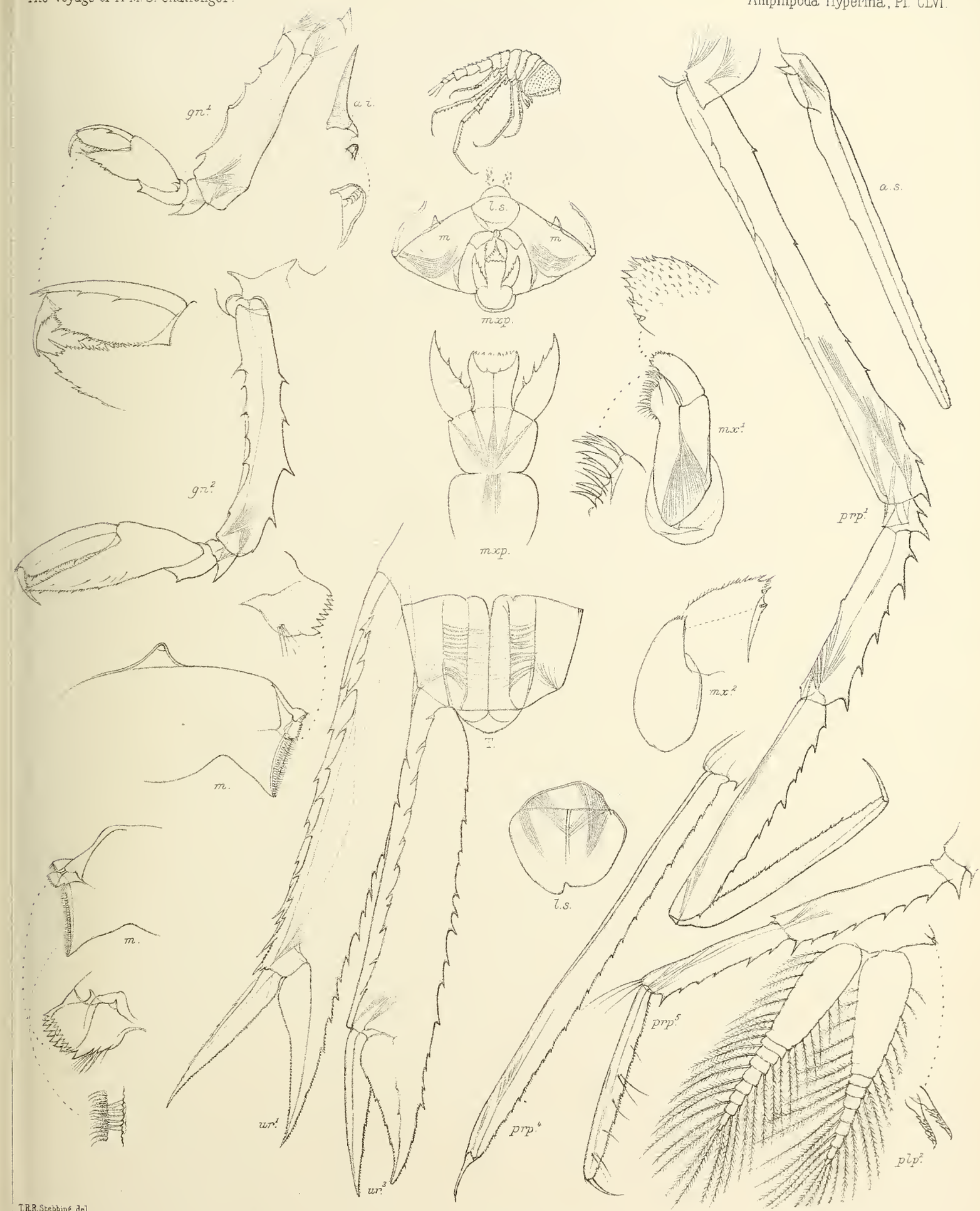


F.R.R. Stebbing. del

J.T. Rennie Reid, Lith. Edin.

CYSTISOMA SPINOSUM (Fabricius).

NATURAL HISTORY

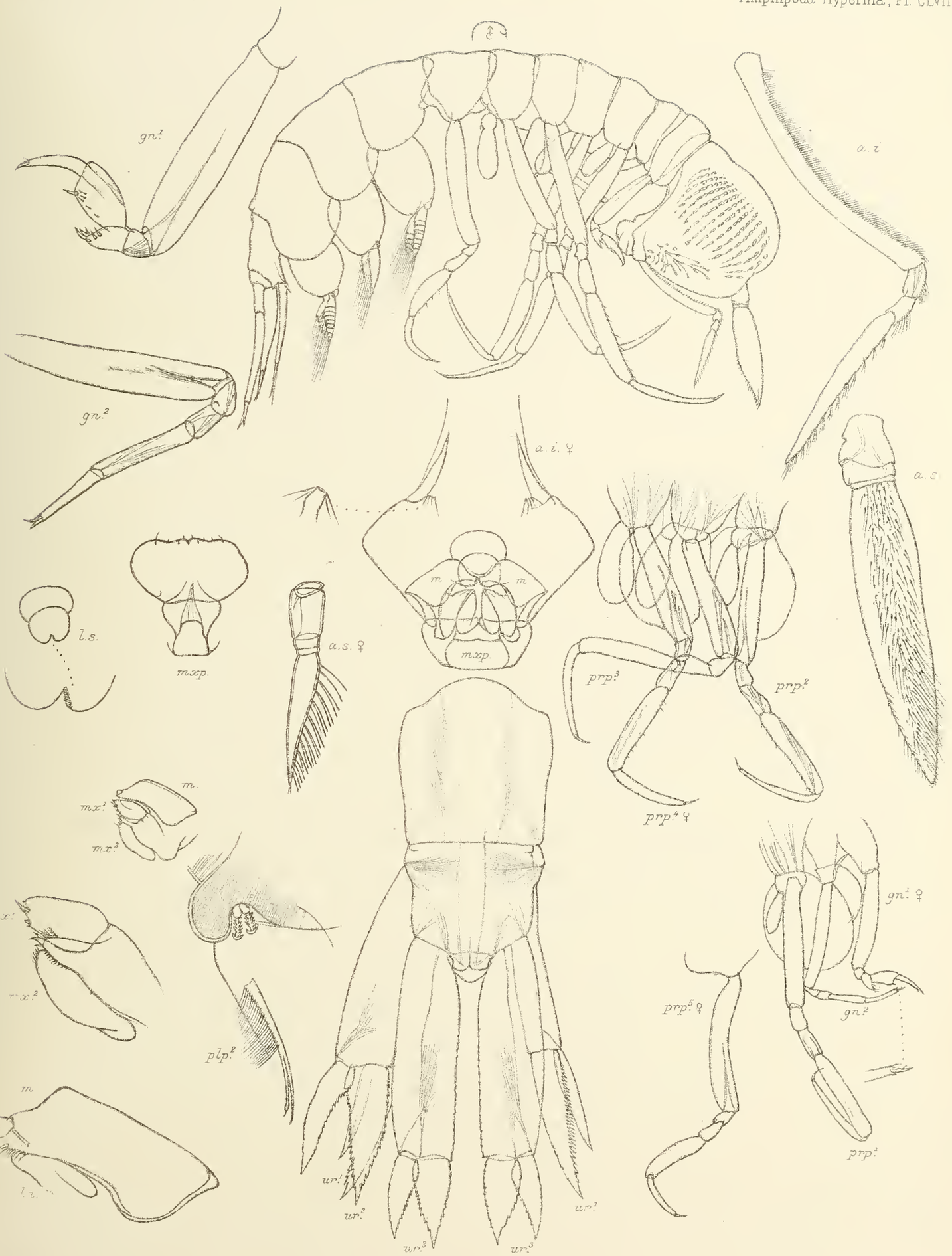


T.R.R. Stebbing, del.

Reid & Cowie lith. Edin.

CYSTISOMA SPINOSUM (Fabricius).

NATURAL HISTORY

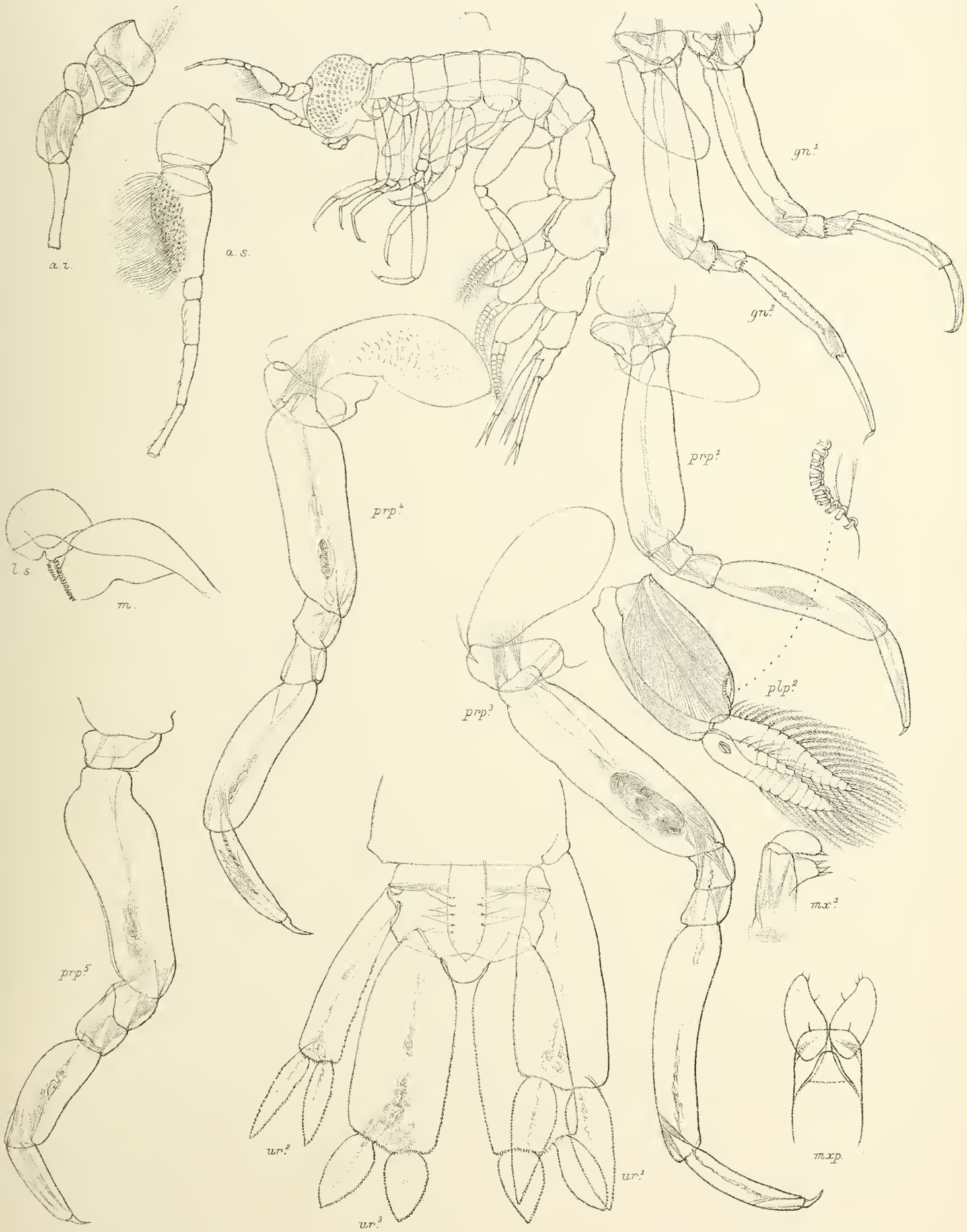


T.R.R. Stebbing, del.

Reid & Cowie, lith. Edin.

PARAPHRONIMA CUIVIS, n. sp.

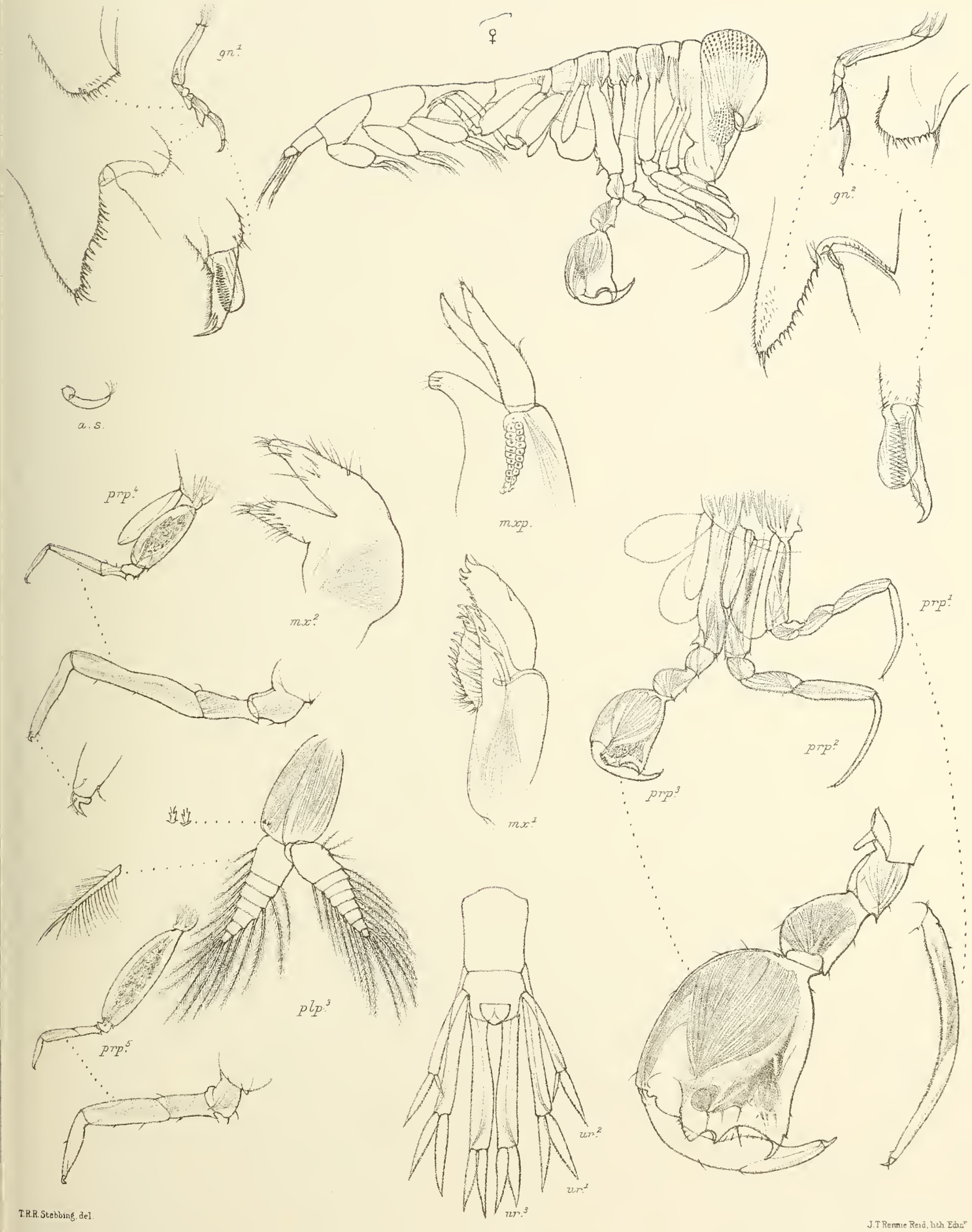
NATURAL HISTORY



T.R.R. Stebbing, del.

Reid & Cowie, lith. Edin.

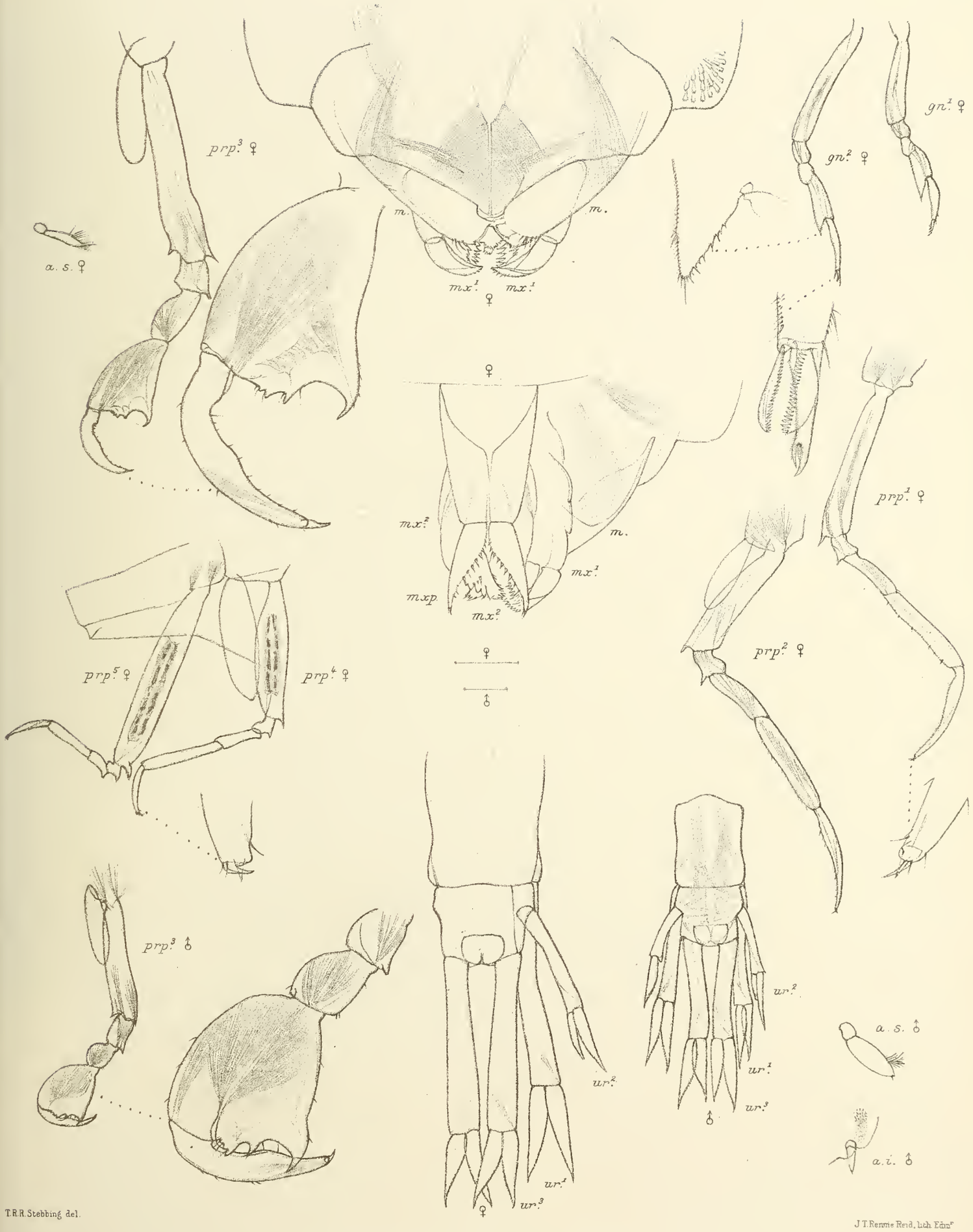
DAIRELLA BOVALLII, n. sp.



T.R.R. Stebbing, del.

J.T. Rennie Reid, lith. Edin.r

PHRONIMA PACIFICA, Streets.



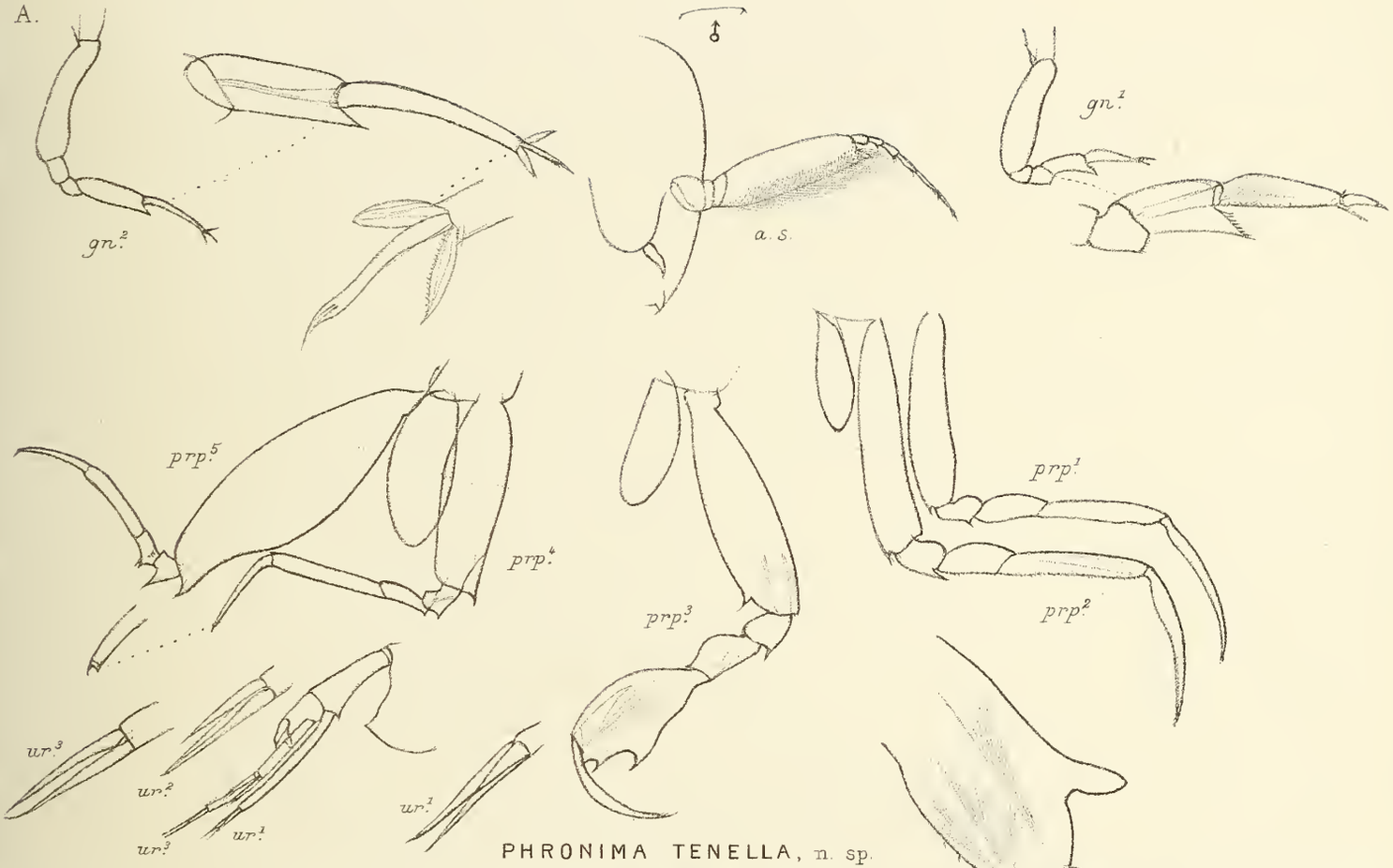
T.R.R. Stebbing del.

J.T. Renme Reid, Lith. Edin.r

PHRONIMA ATLANTICA, Guérin.

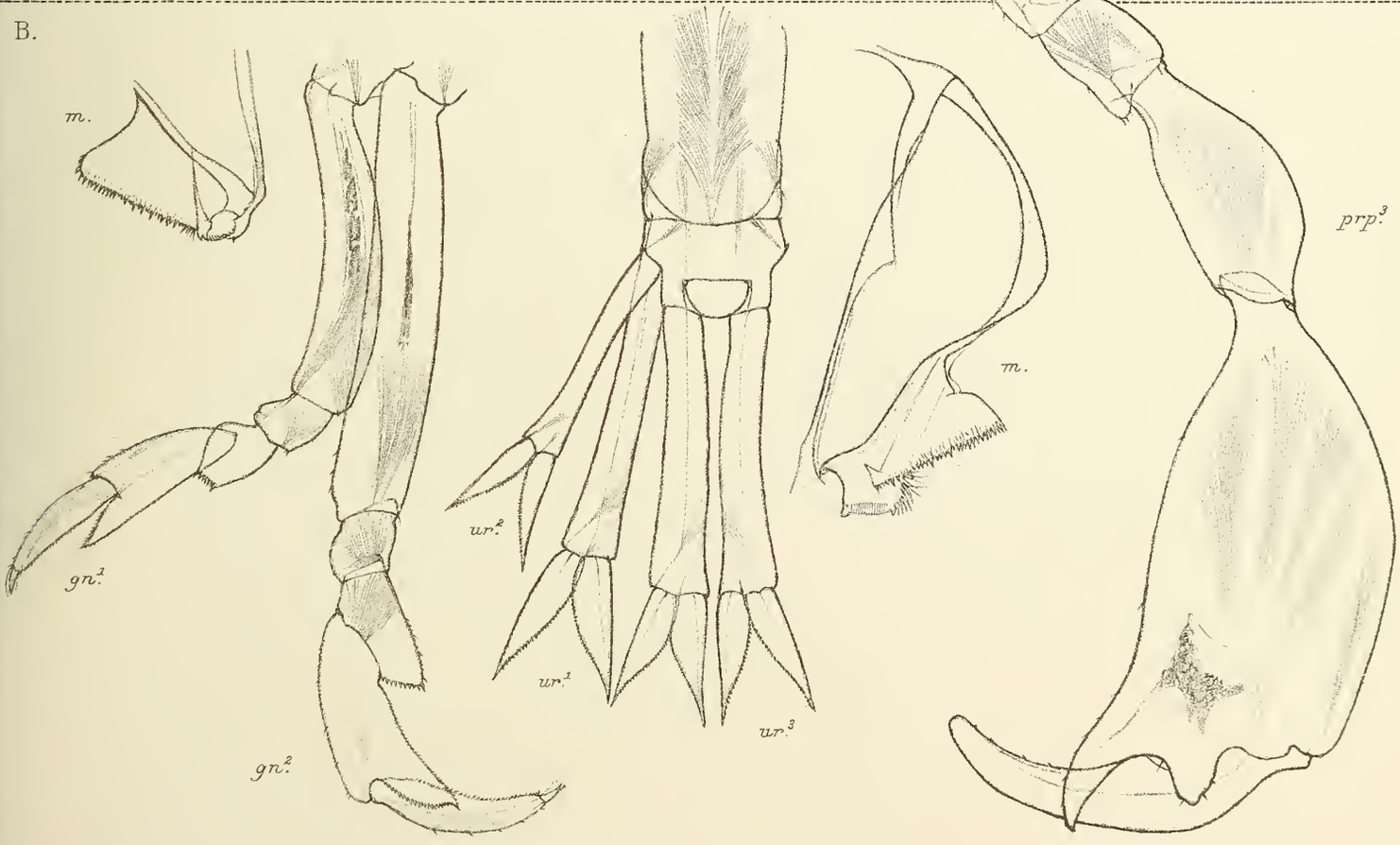
NATURAL HISTORY

A.



PHRONIMA TENELLA, n. sp.

B.



T.R.R.Stebbing del. J.T.Renme Reyd. lith. Edin.r

PHRONIMA NOVAE-ZEALANDIAE? Powell.

NATURAL HISTORY

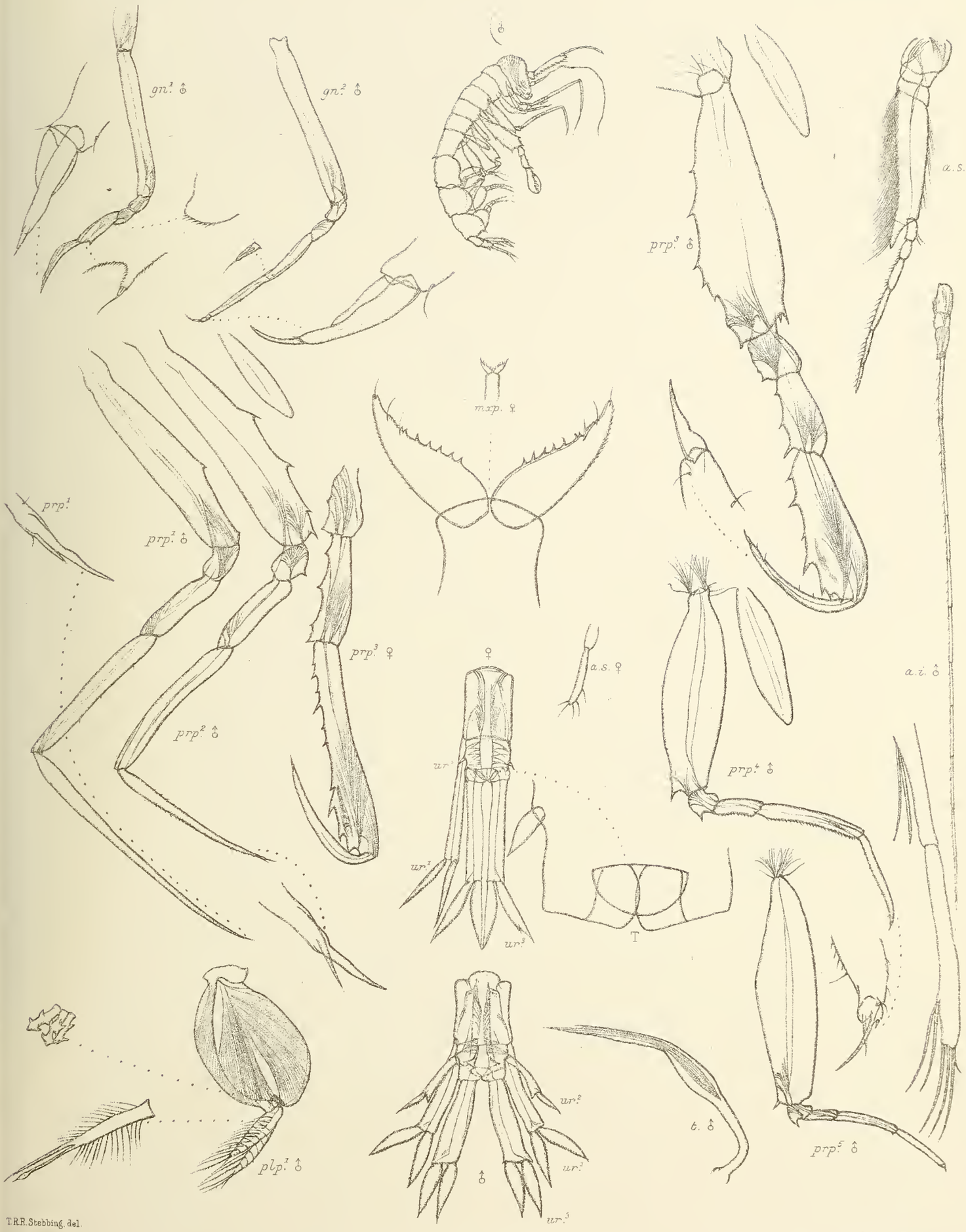
T.R.R. Stebbing del

J.T. Rennie Reid, lith. Edinr.

PHRONIMA MEGALODOUS, n. sp.

PHRONIMA SEDENTARIA, (Forskål).

NATURAL HISTORY

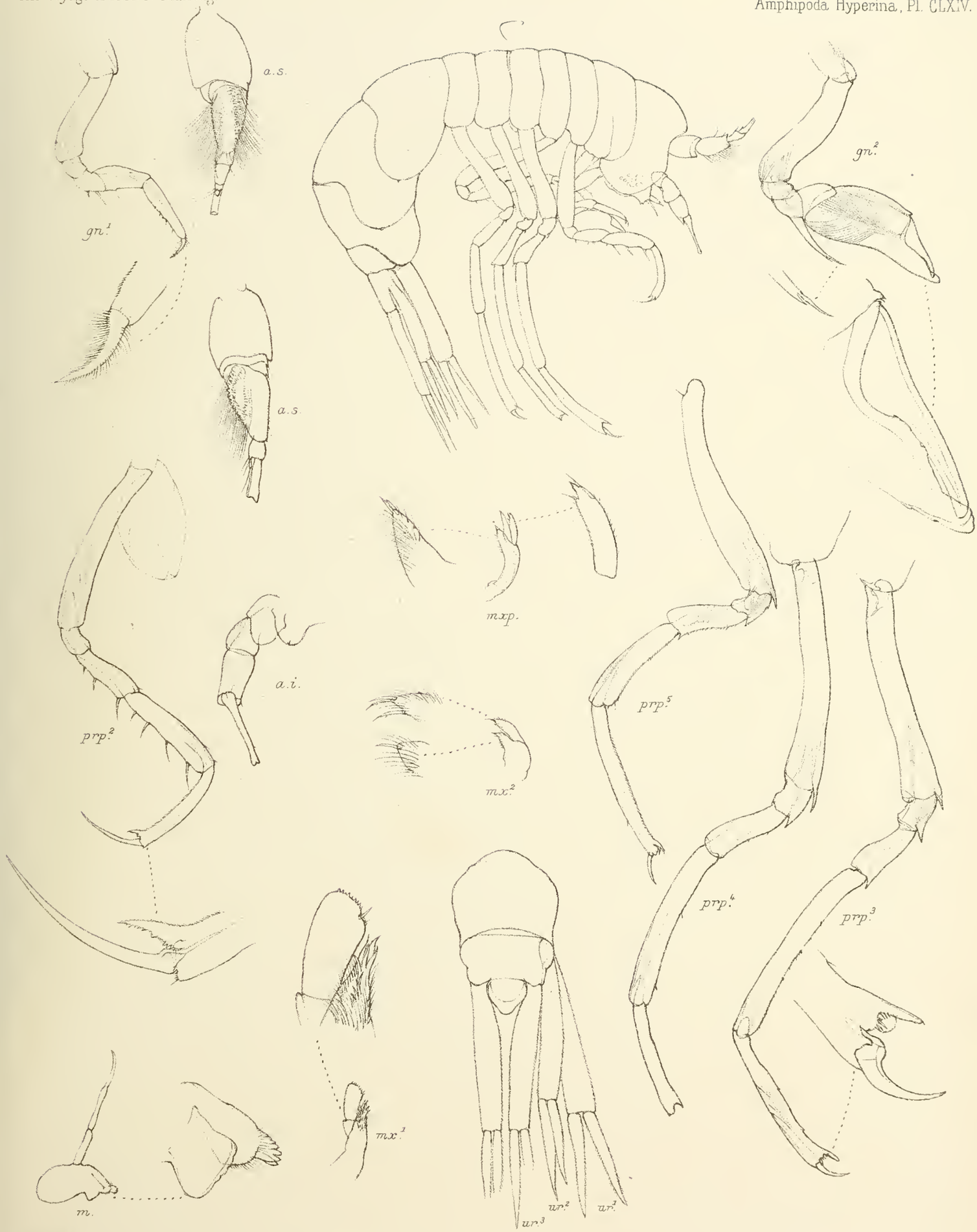


T.R.R. Stebbing, del.

J.T. Rennie Reid, lith. Edin.r

PHRONIMELLA ELONGATA, Claus.

NATURAL HISTORY.

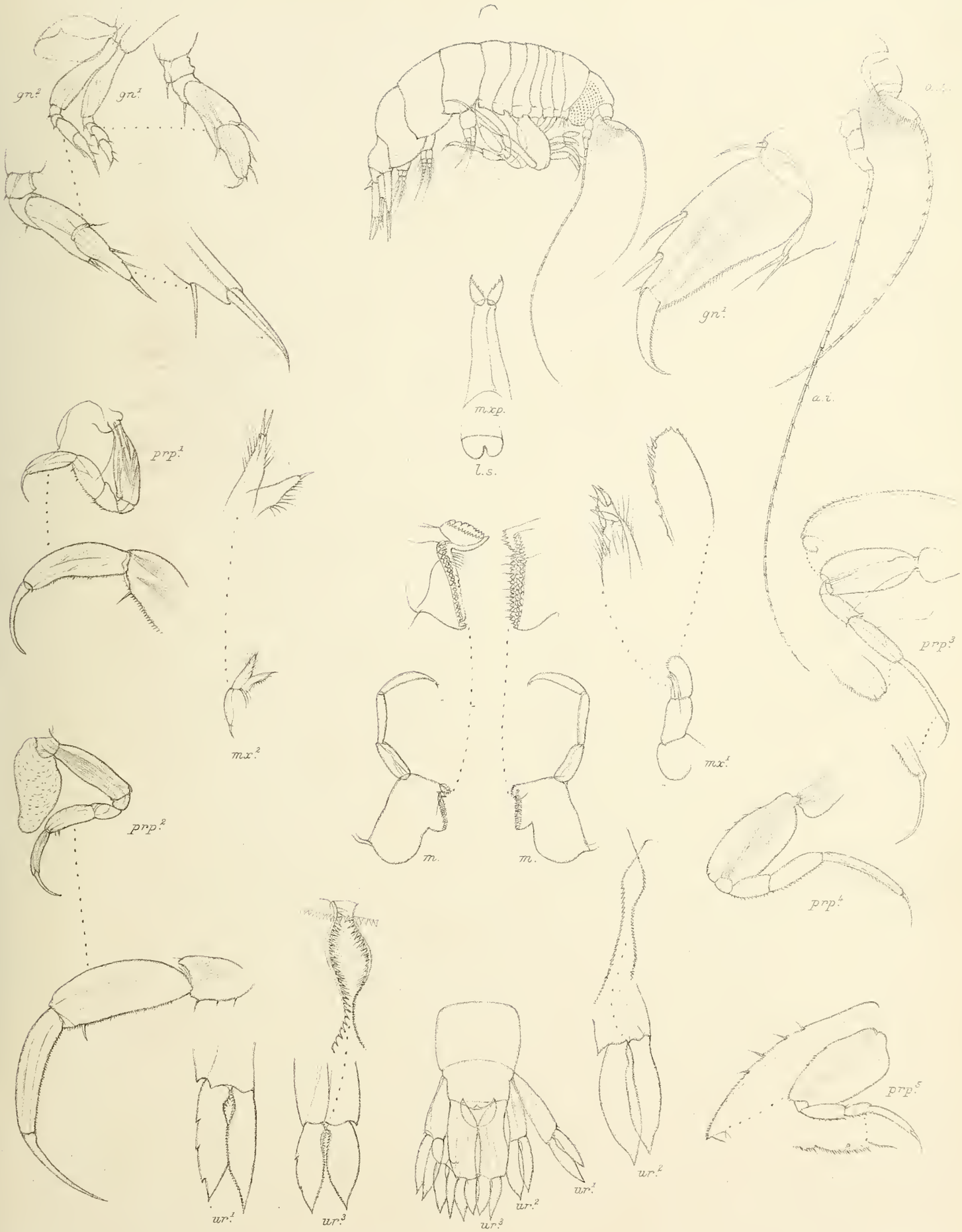


T.R.R.Stebbing del

Reid & Cowie lith. Edin.

PHRONIMOPSIS TENELLA, n. sp.

NATURAL HISTORY.

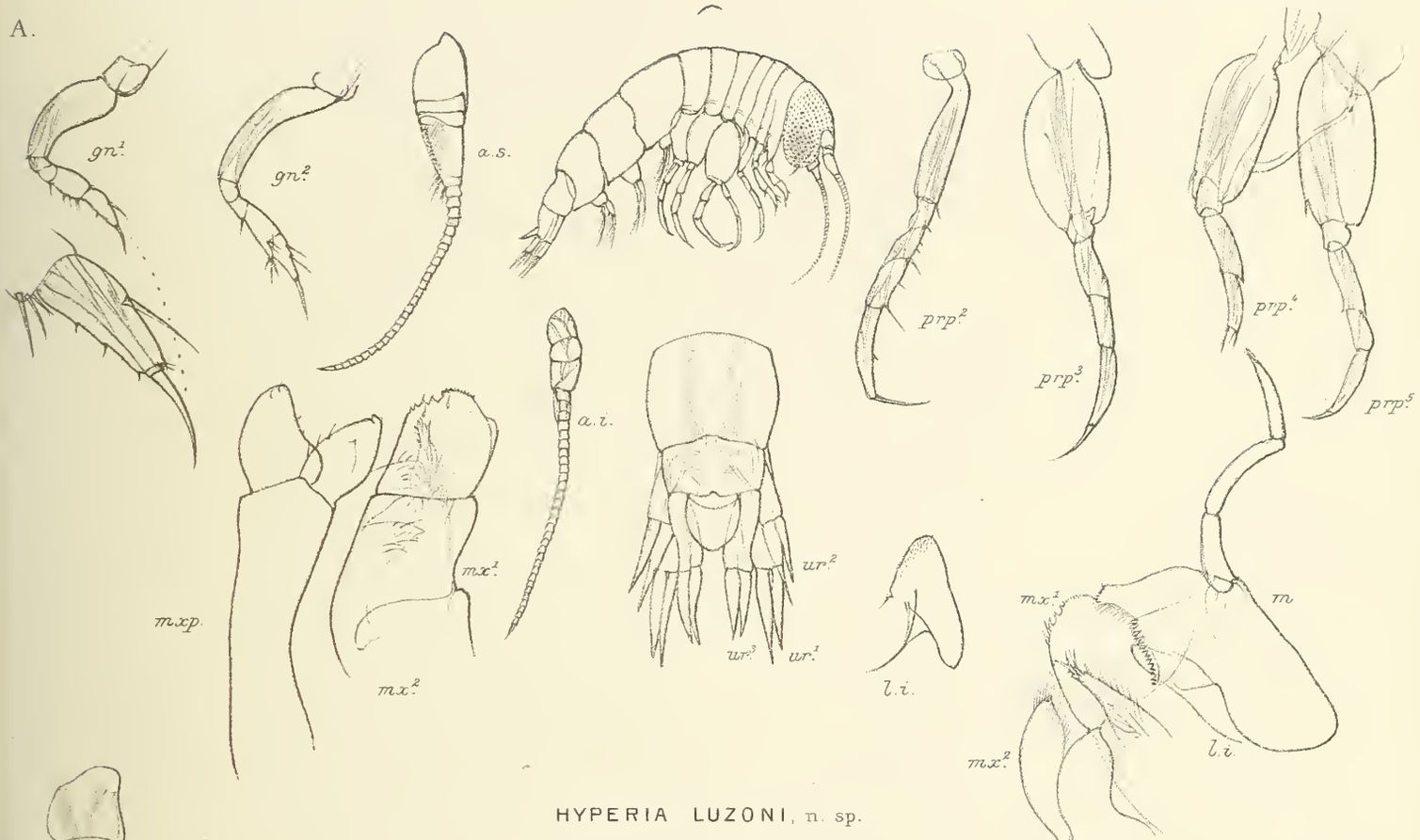


T.R.R.Stebbing del

J.T.Renme Reid. lith. Edin.

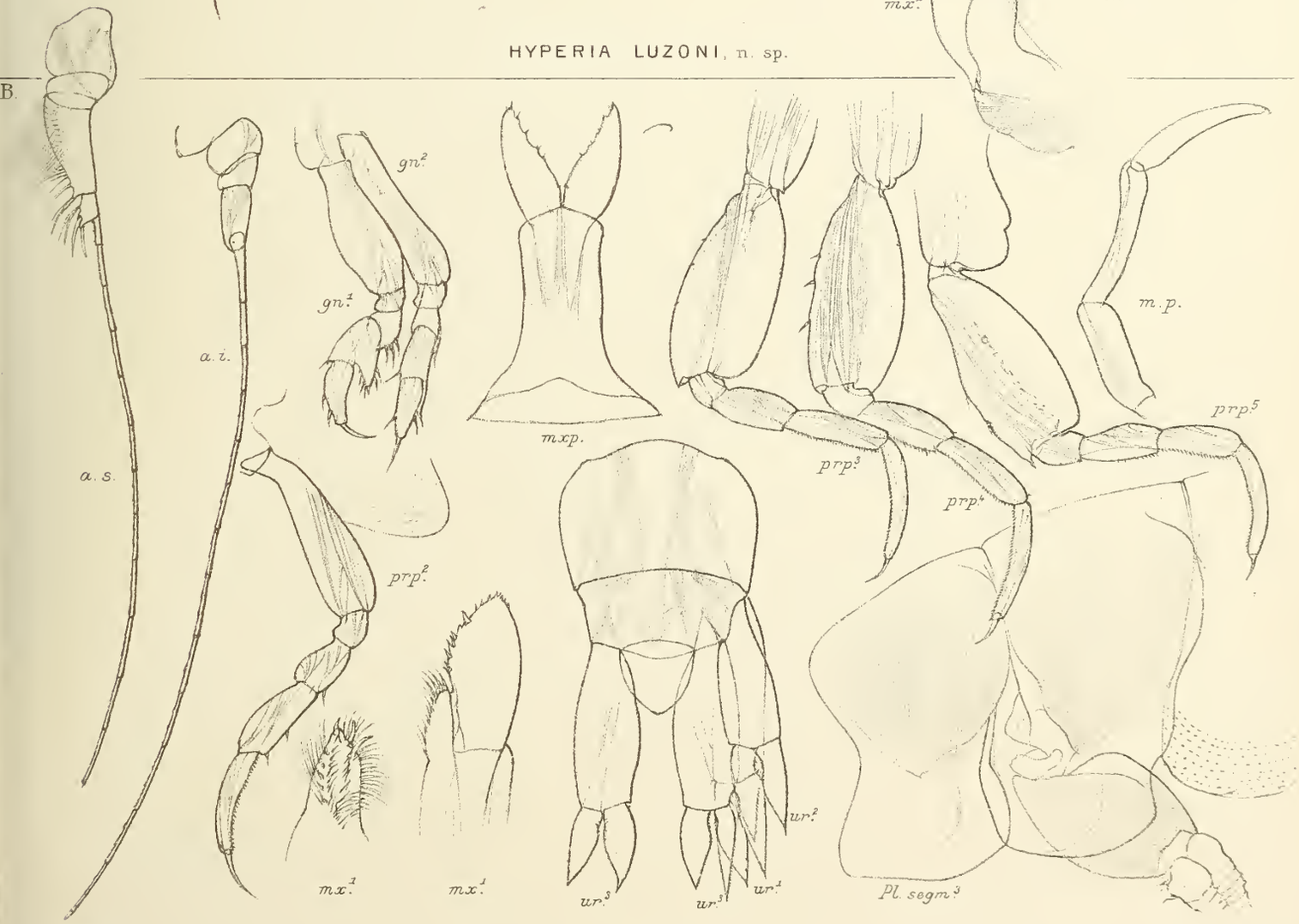
HYPERIA SIBAGINIS, n. sp.

A.



HYPERIA LUZONI, n. sp.

B.

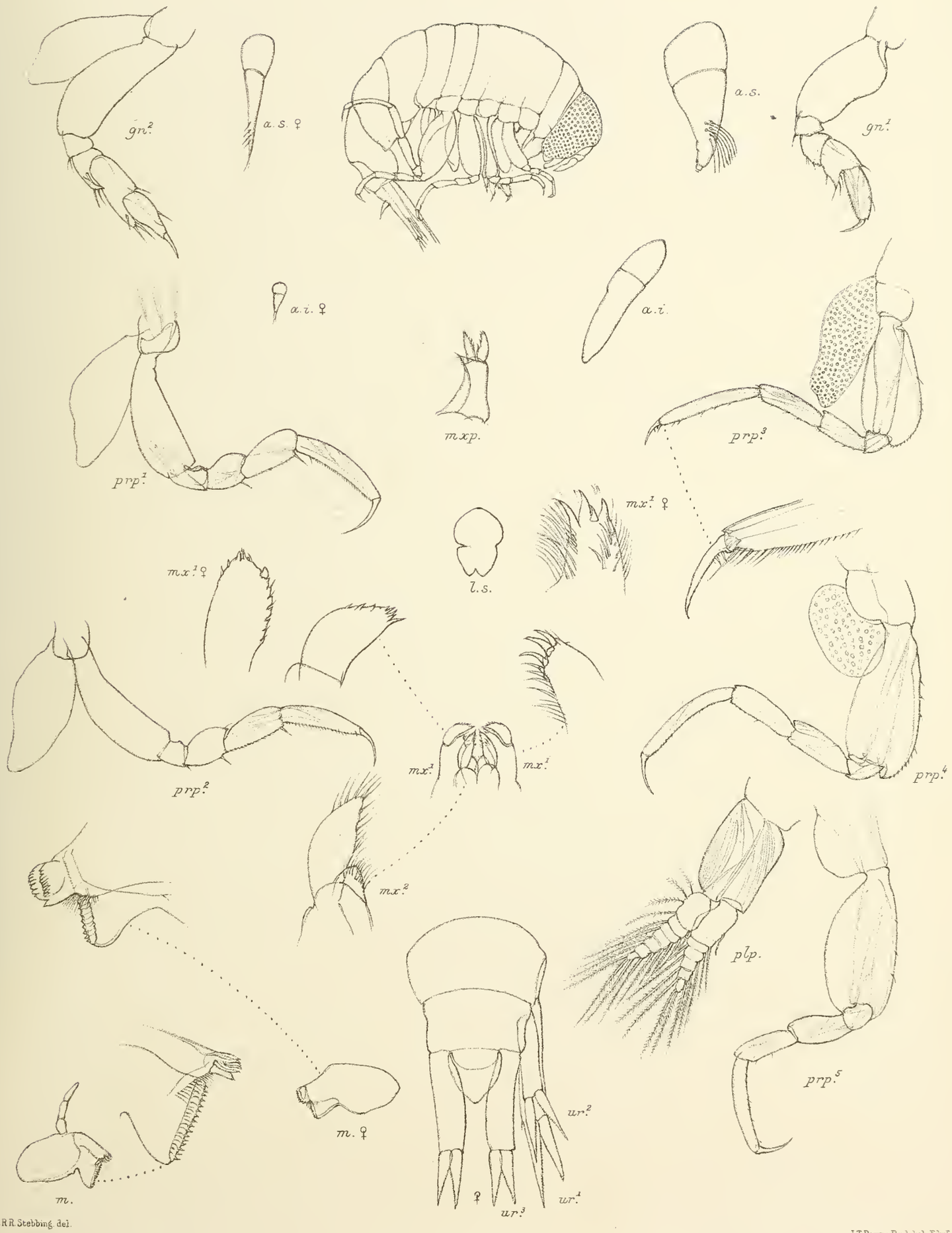


T.R.R. Stebbing. del.

J.T. Renme Reid, lith. Edin.r

HYPERIA PROMONTORII, n. sp.

BRITISH MUSEUM
NATURAL HISTORY

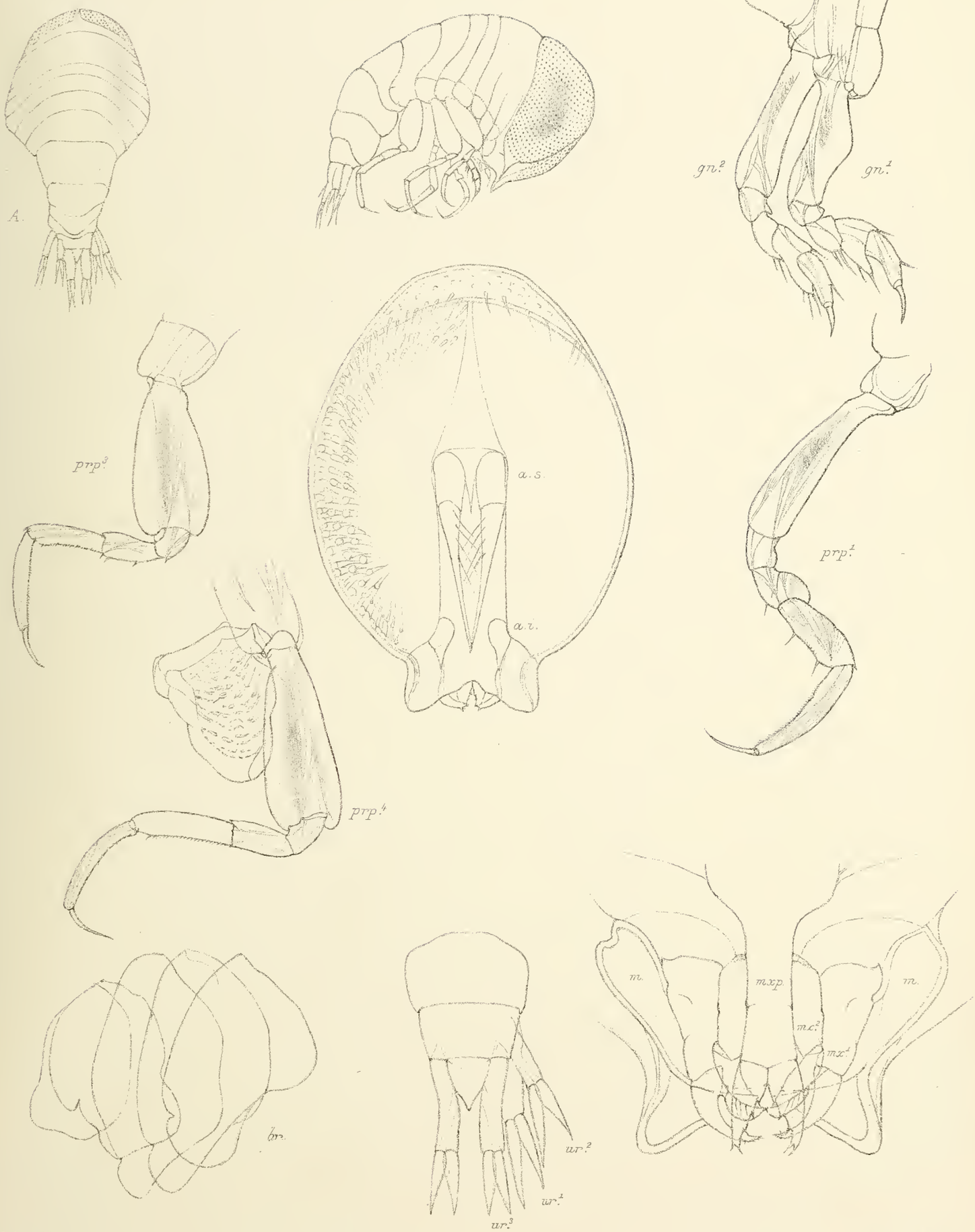


T.R.R. Stebbing del.

J.T. Renme Reid, lith. Edin.r

HYPERIA DYSSCHISTUS, n. sp.

NATURAL HISTORY



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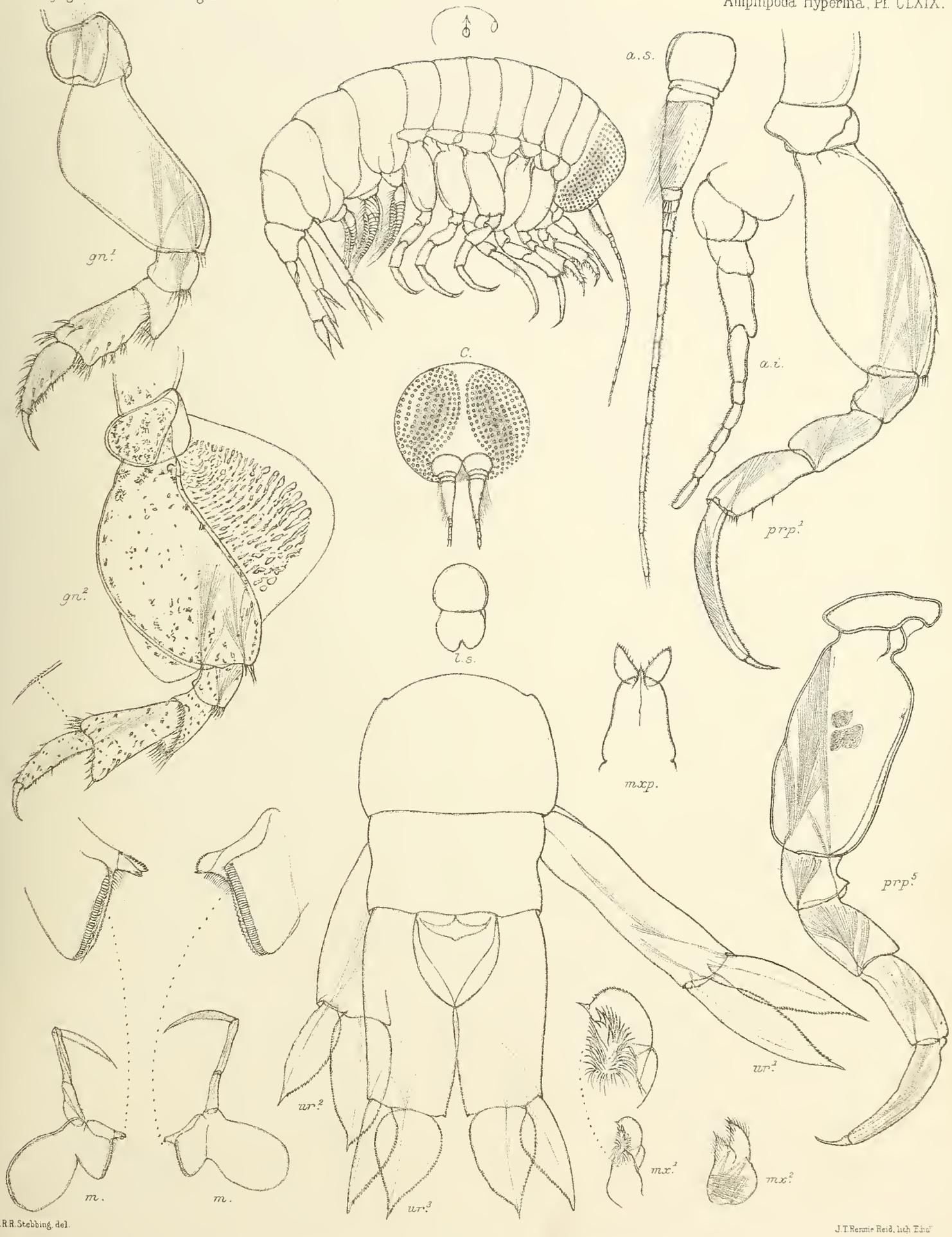
J.T. Bourne Read. lith. Dulf.

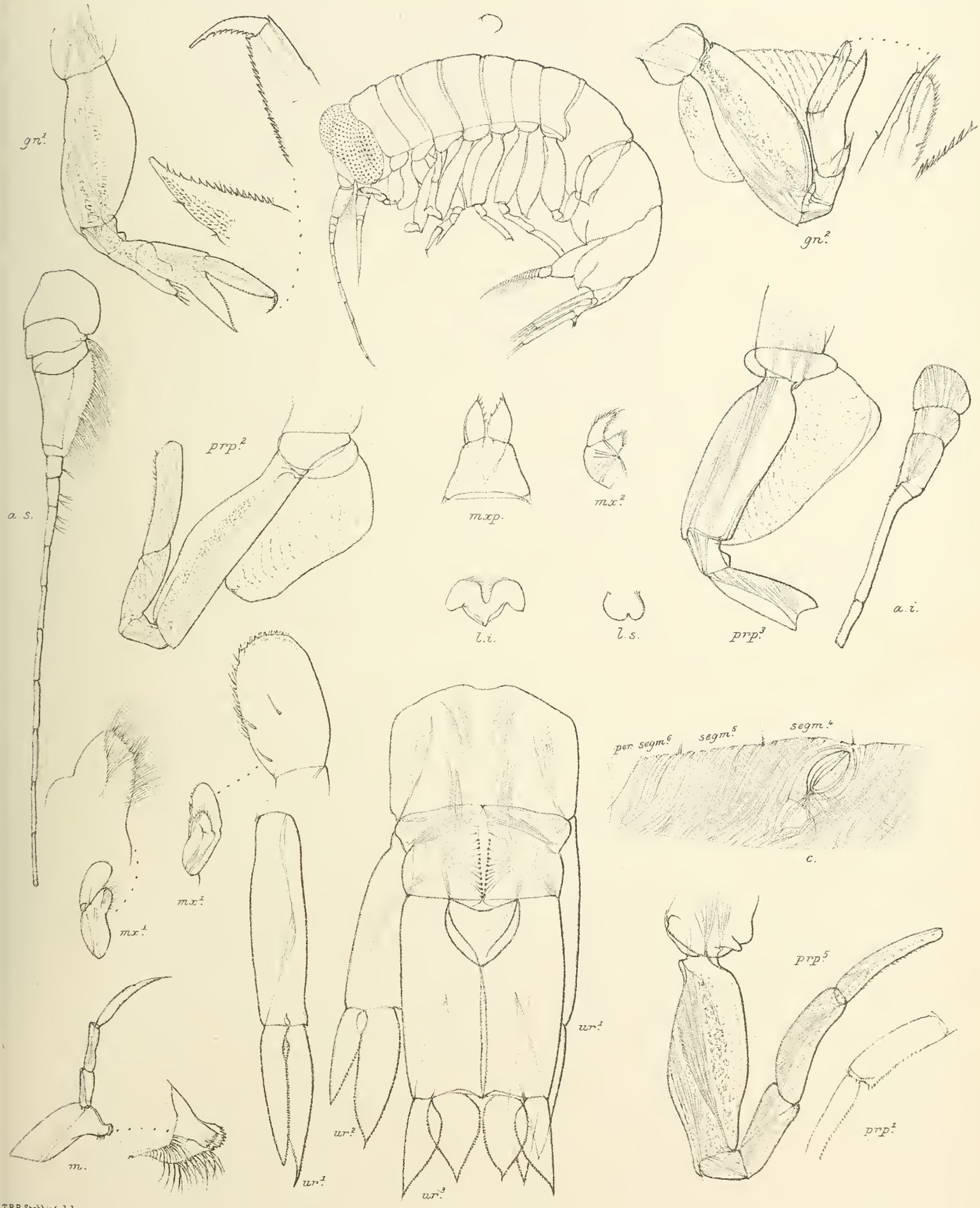
HYPERIA SCHIZOGENEIOS. n. sp.



T.R.R.Stebbing, del.

J.T.Rennie Reid, lith. Edin.

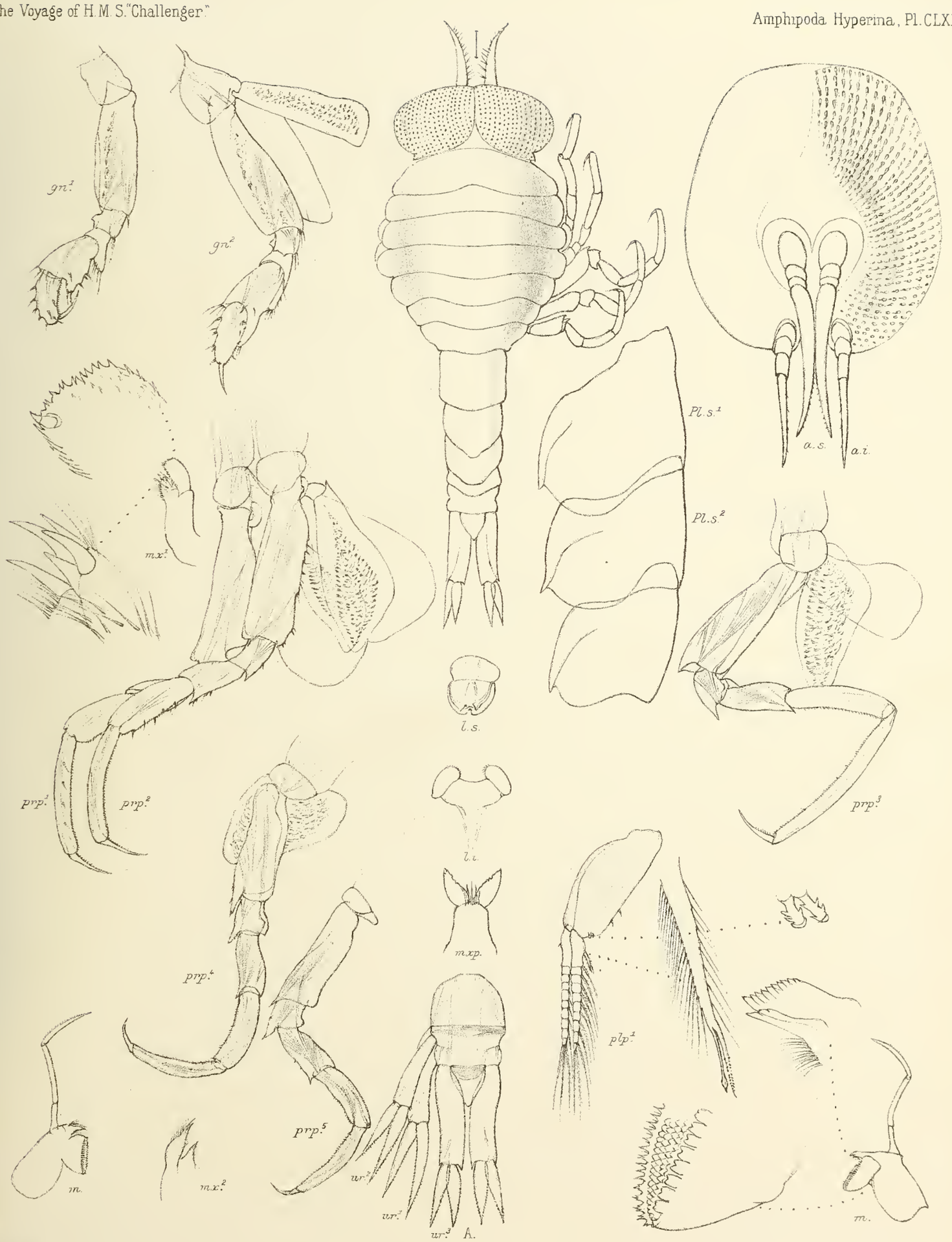
HYPERIA GAUDICHAUDII, Milne-Edwards.



T.R.R. Stebbing. del.

J.T. Rennie Reid, lith. Edinr

HYPEROCHE CRYPTODACTYLUS, n. sp.



R.R.Stebbing del.

J.T.Rennie Read. lith. Edinr

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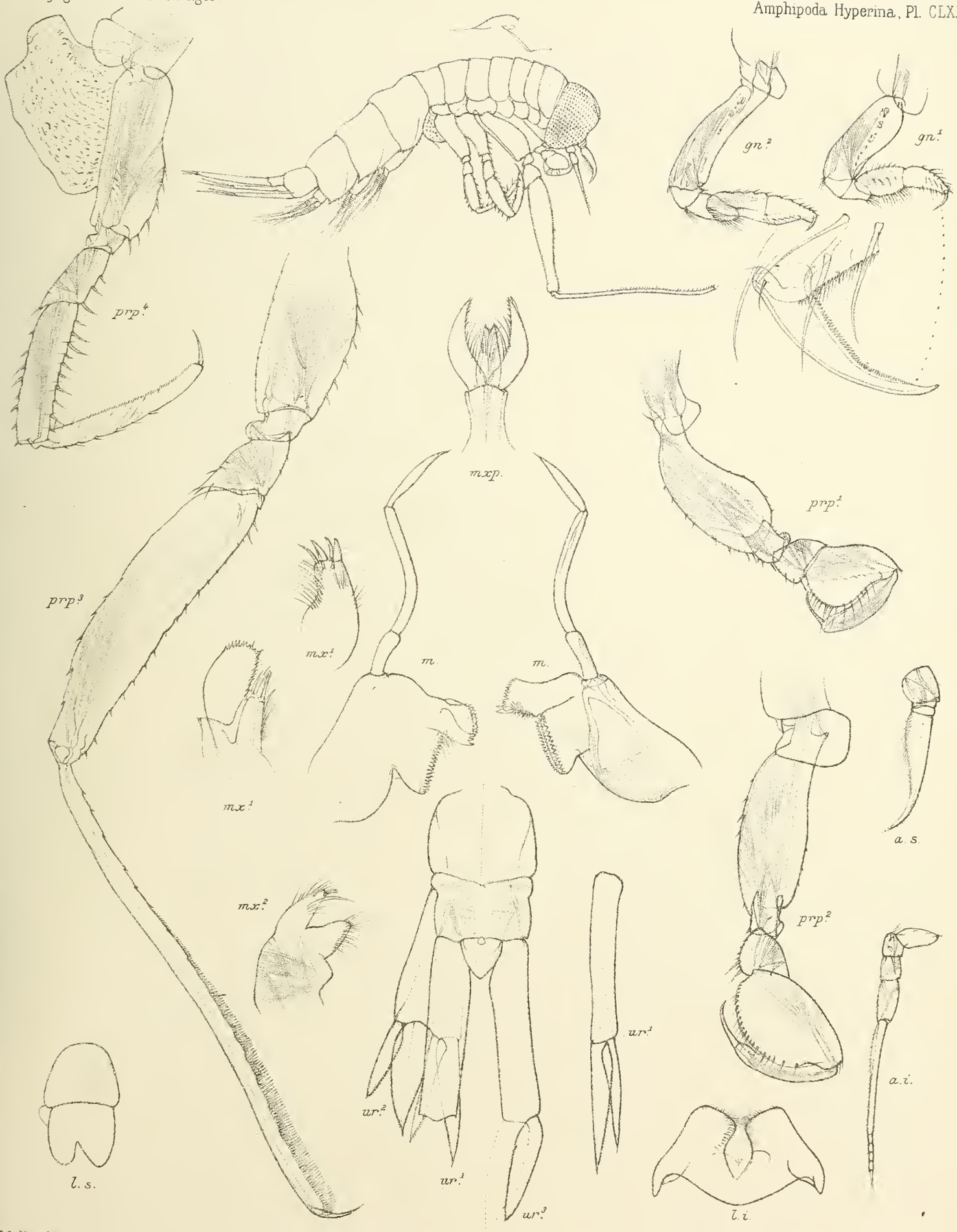
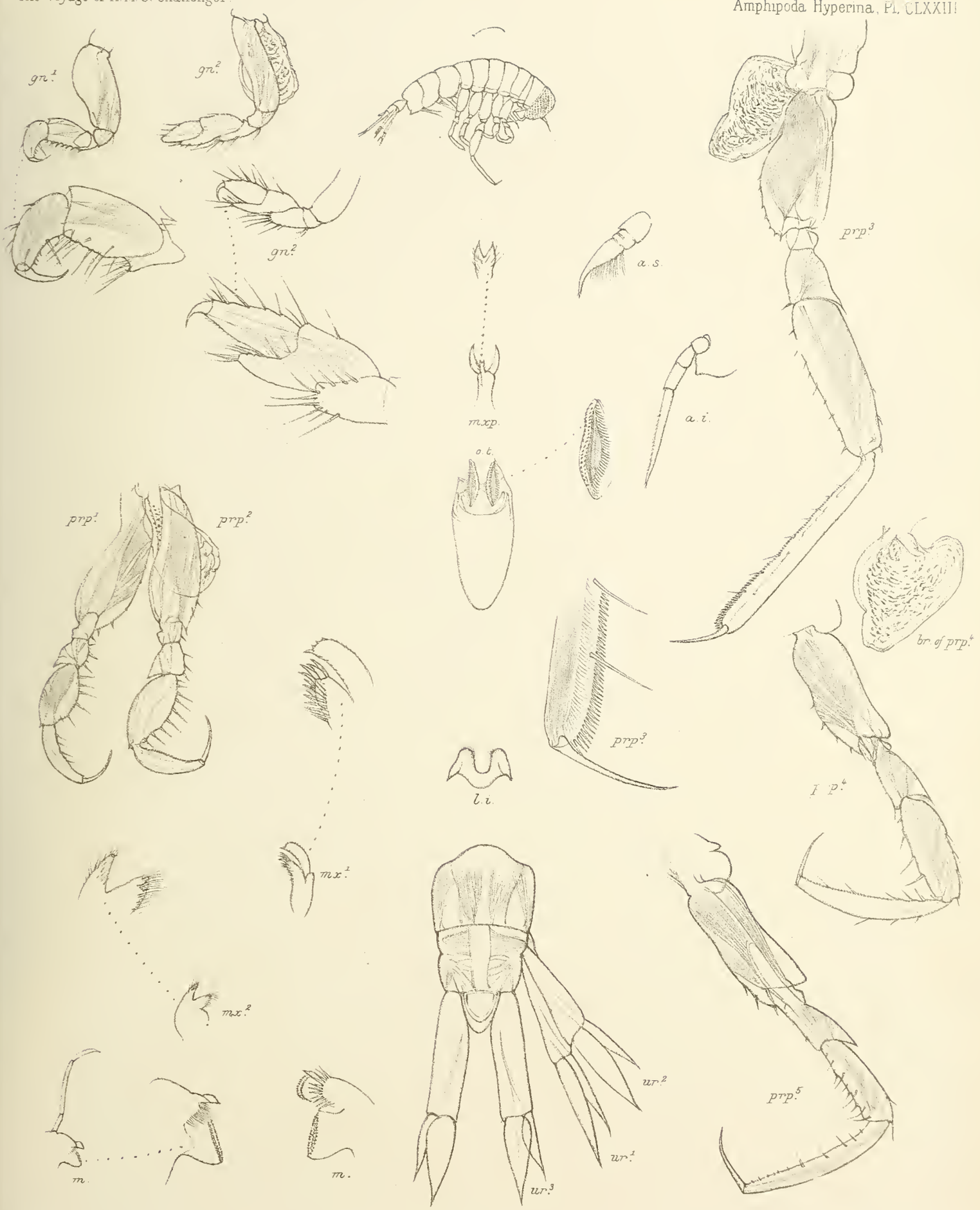


T.R.R. Stebbing del.

J.T. Renme Read. lith Edin.r

EUTHEMISTO GAUDICHAUDII, (Guérin).

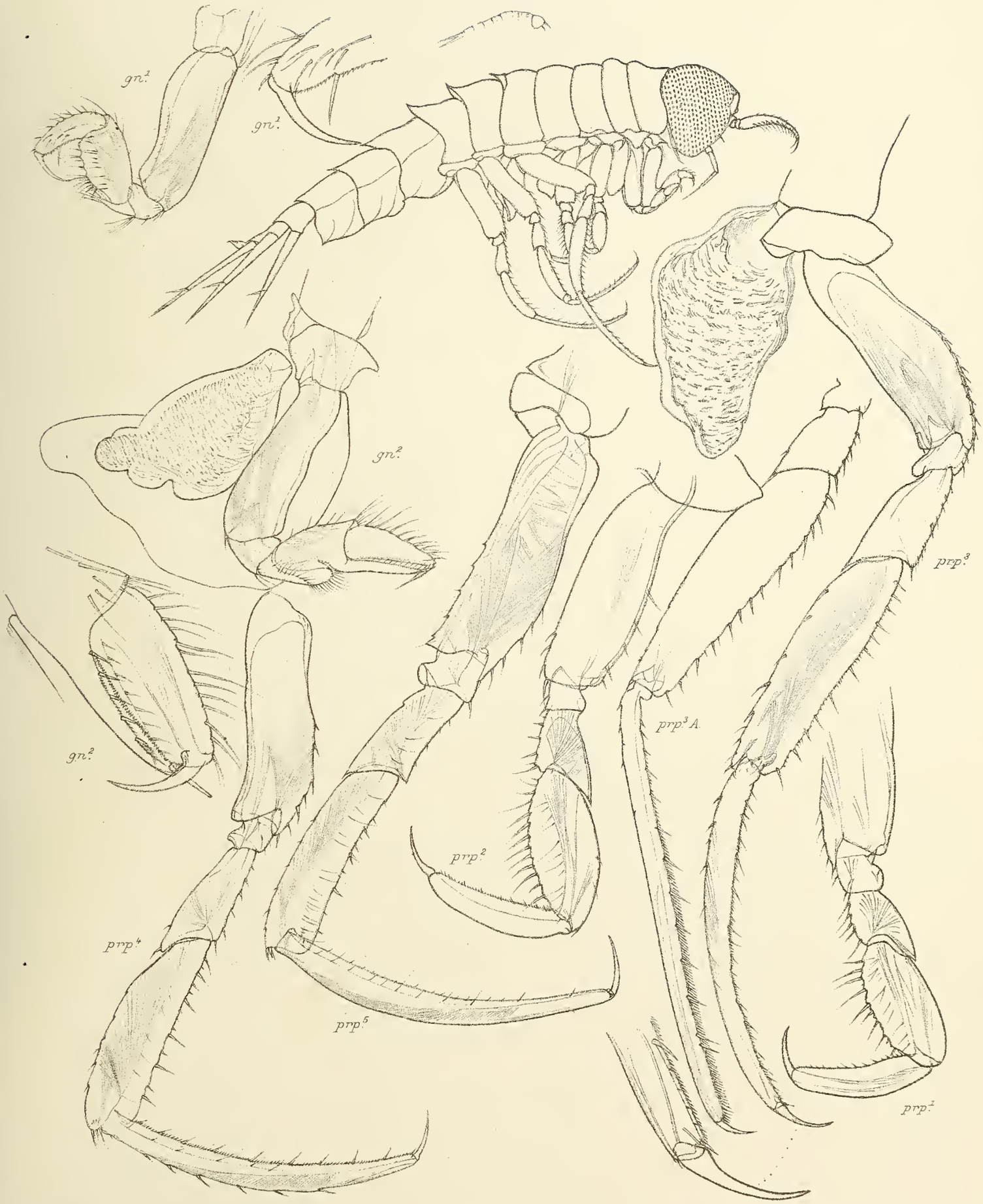
BRITISH MUSEUM
NATURAL HISTORY.



T.R.R. Stebbing del.

J.T. Renme Reid. ach. Edinr.

EUTHEMISTO GAUDICHAUDII, Guérin.

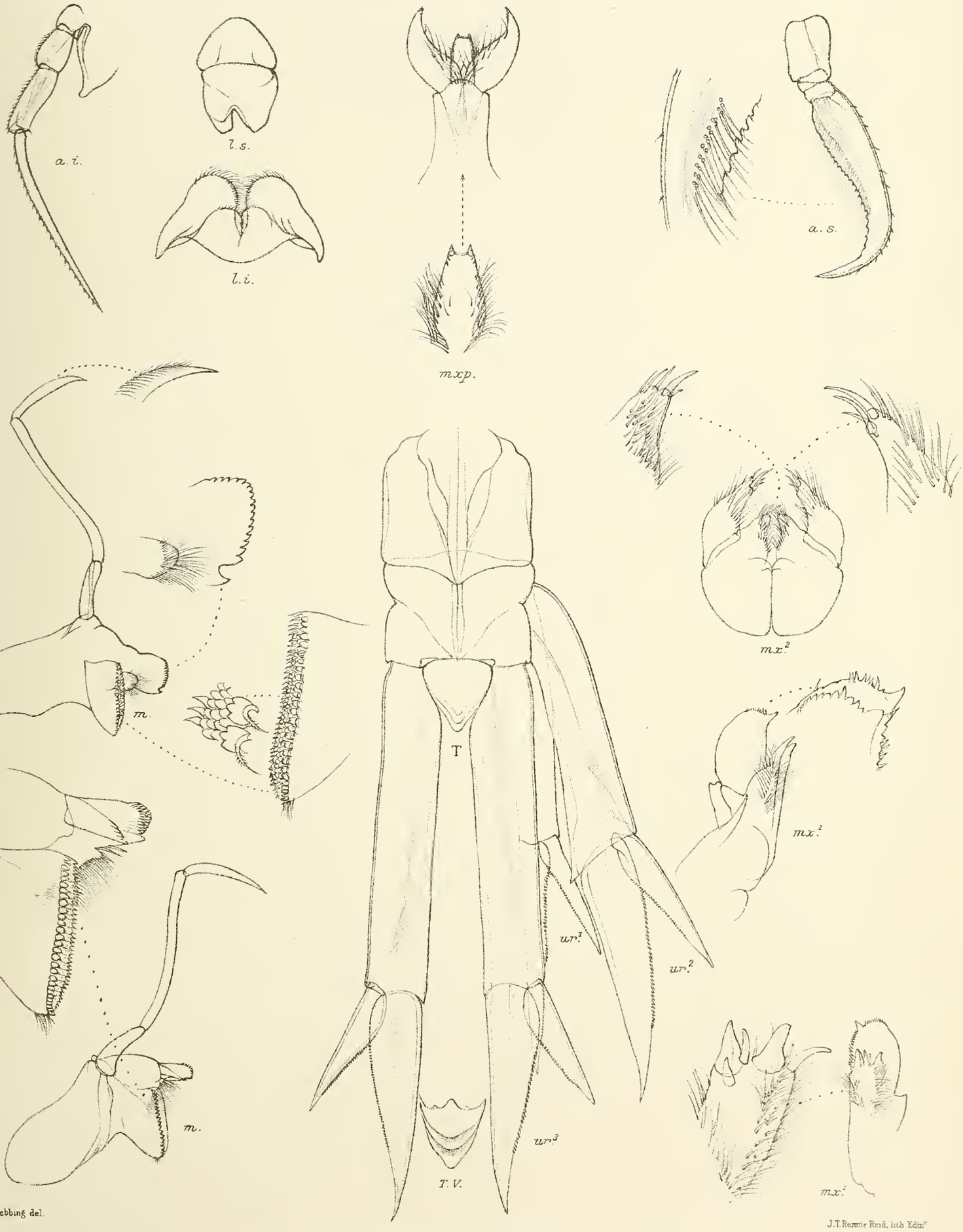


T.R.R.Stebbing, del.

J.T.Rennie Reid, lith. Edinr.

EUTHEMISTO THOMSONI, n.n.

BRITISH MUSEUM
NATURAL HISTORY



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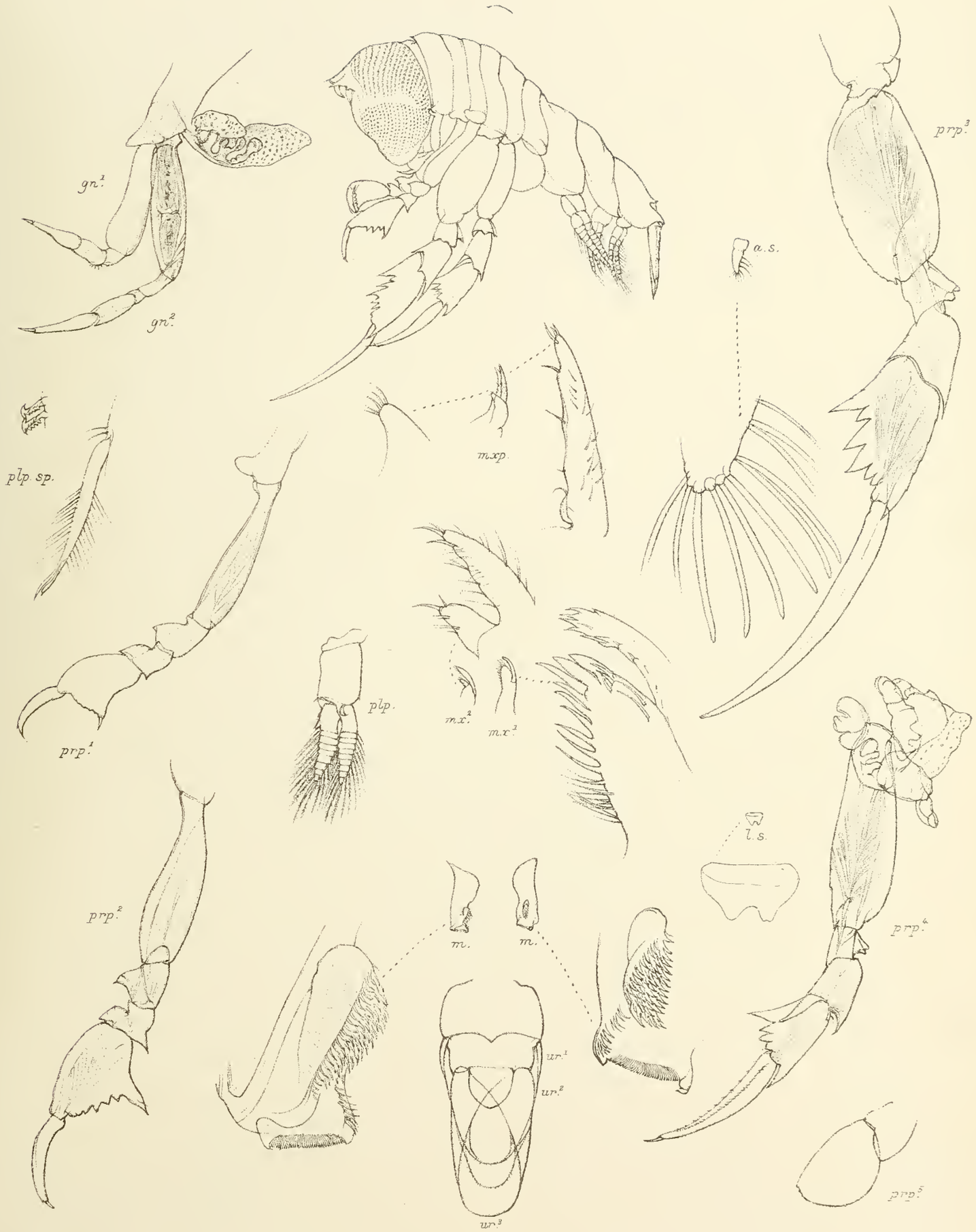
J.T. Renme Reid, lith Edin.r

EUTHEMISTO THOMSONI, n.n.



T.R.R. Stebbing, del

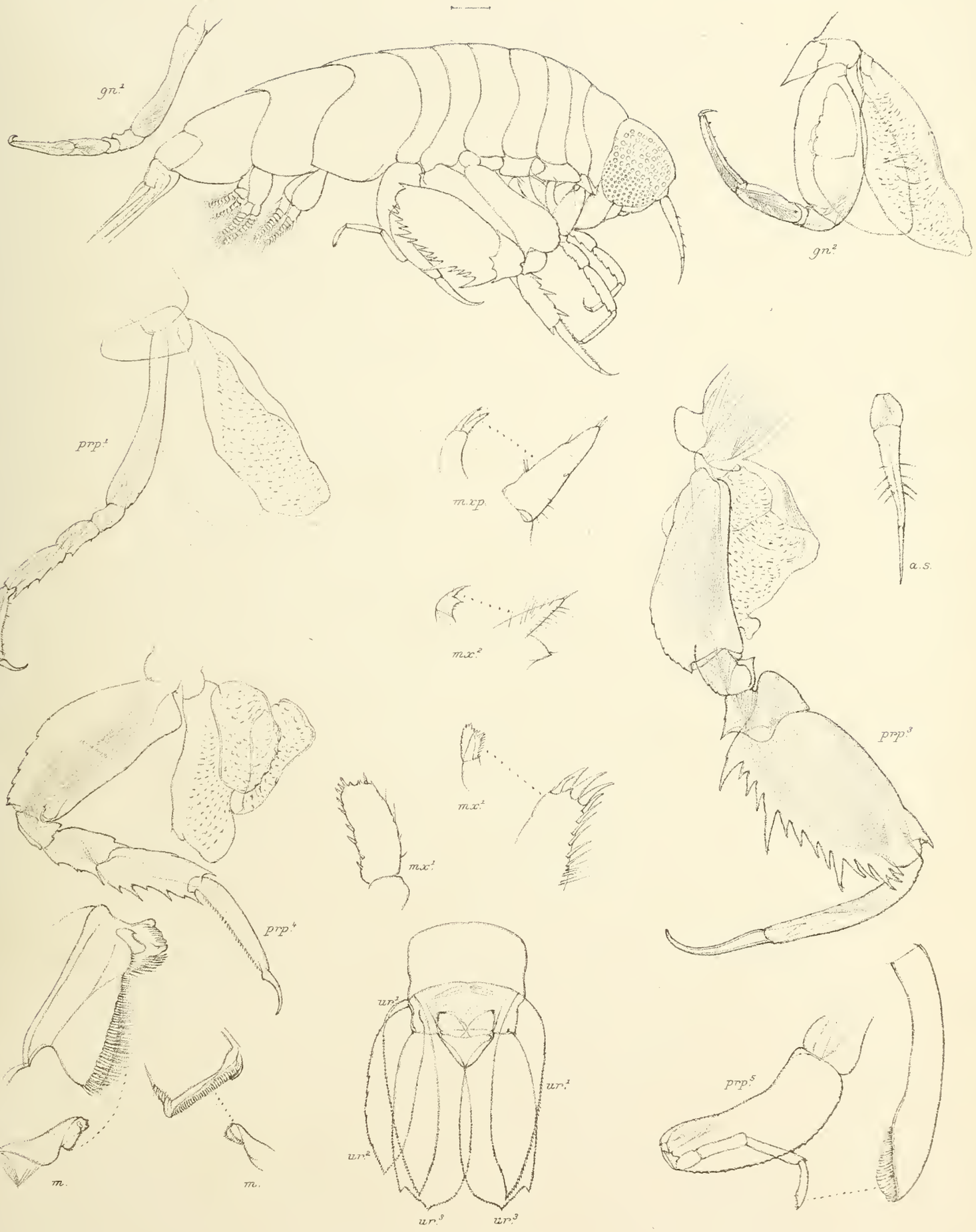
Reid. & Cowie, Lith. Edin.r

PHROSINA SEMILUNATA, Risso.

T.R.R. Stebbing del.

J.T. Renme Reid, lith. Edin.r

ANCHYLOMERA BLOSSEVILLII, Milne-Edwards.

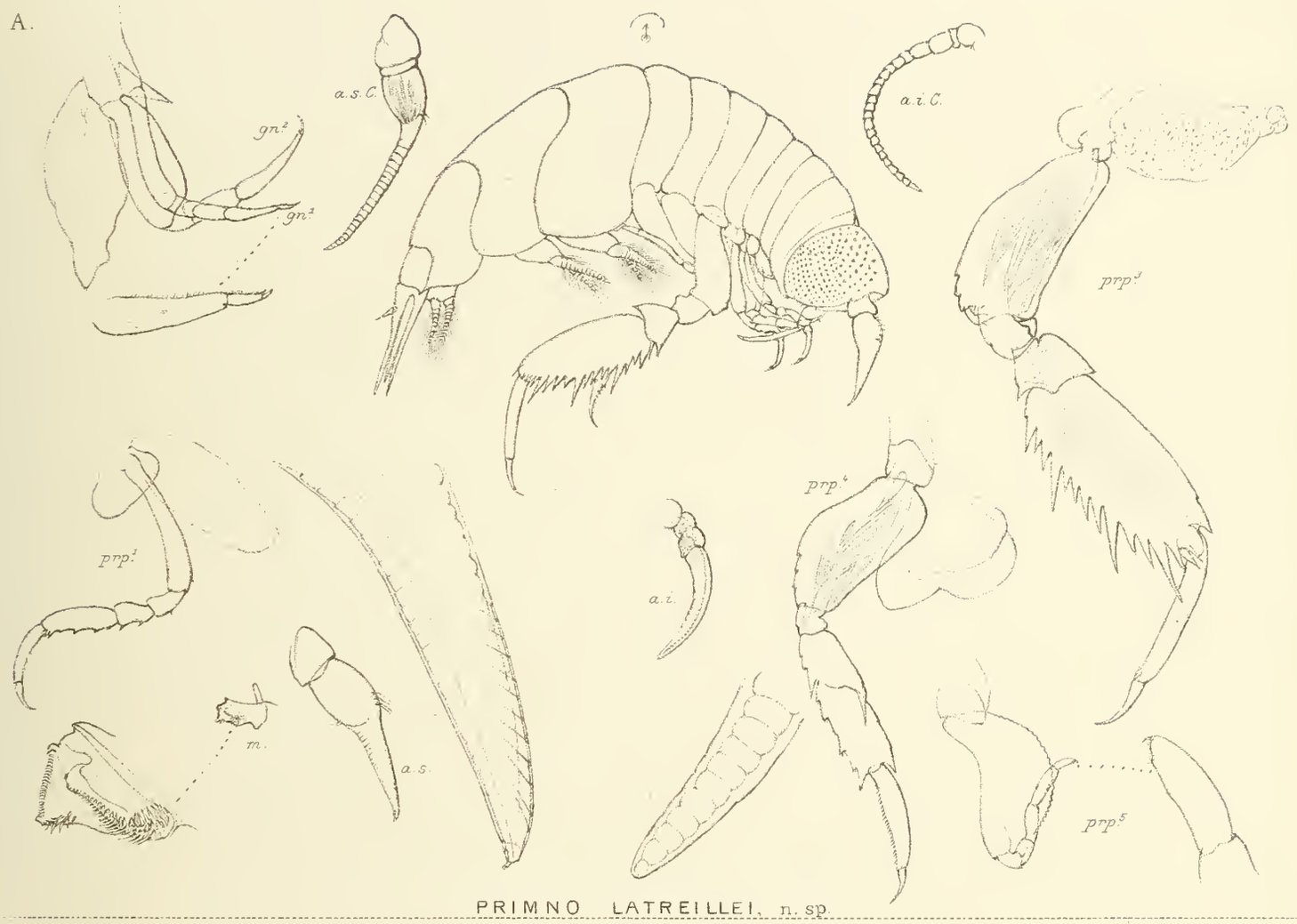


T.R.R.Stebbing, del.

Petit & Cuenot, Lith. Edmr.

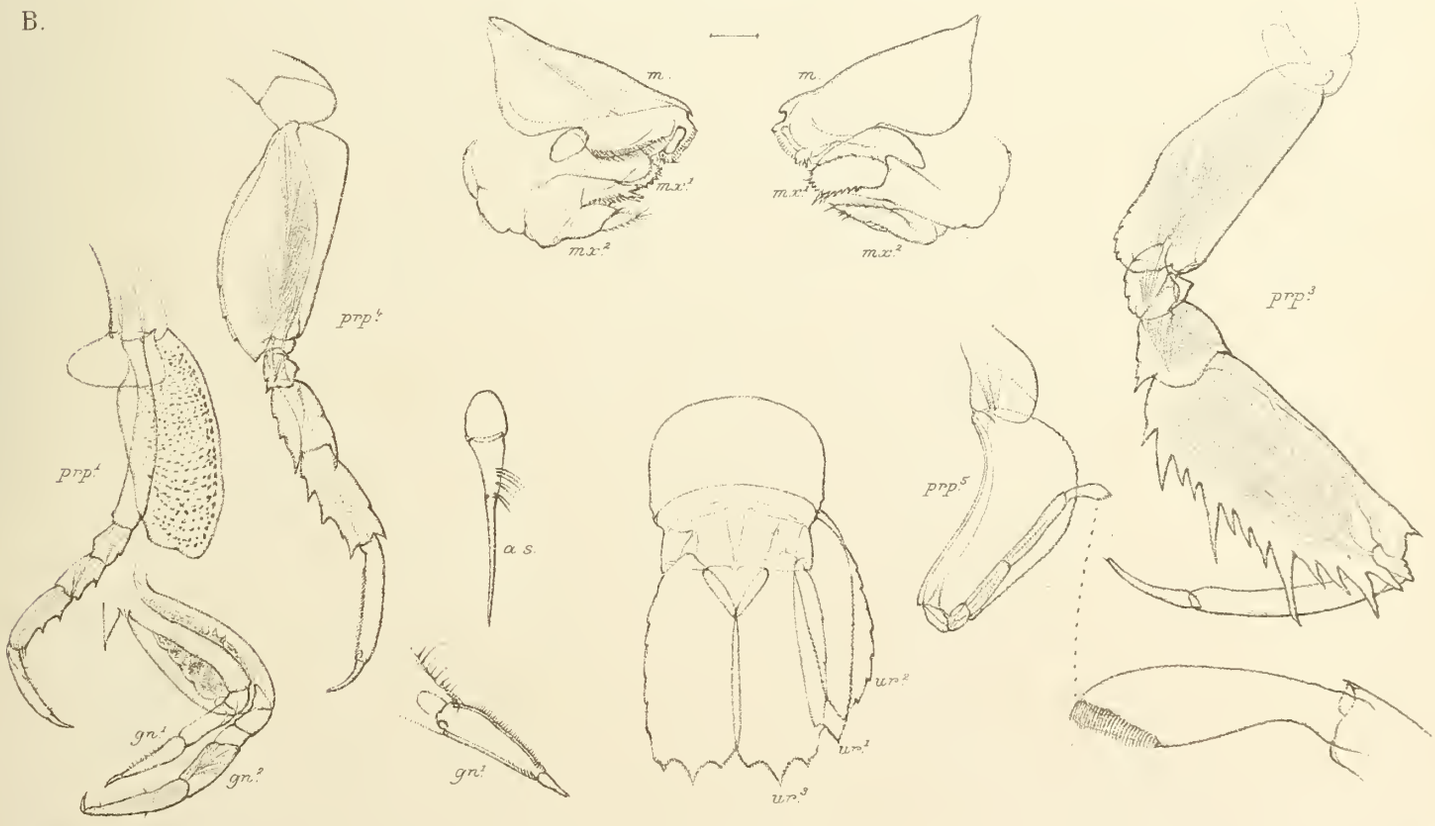
PRIMNO MACROPA, Guérin.

A.



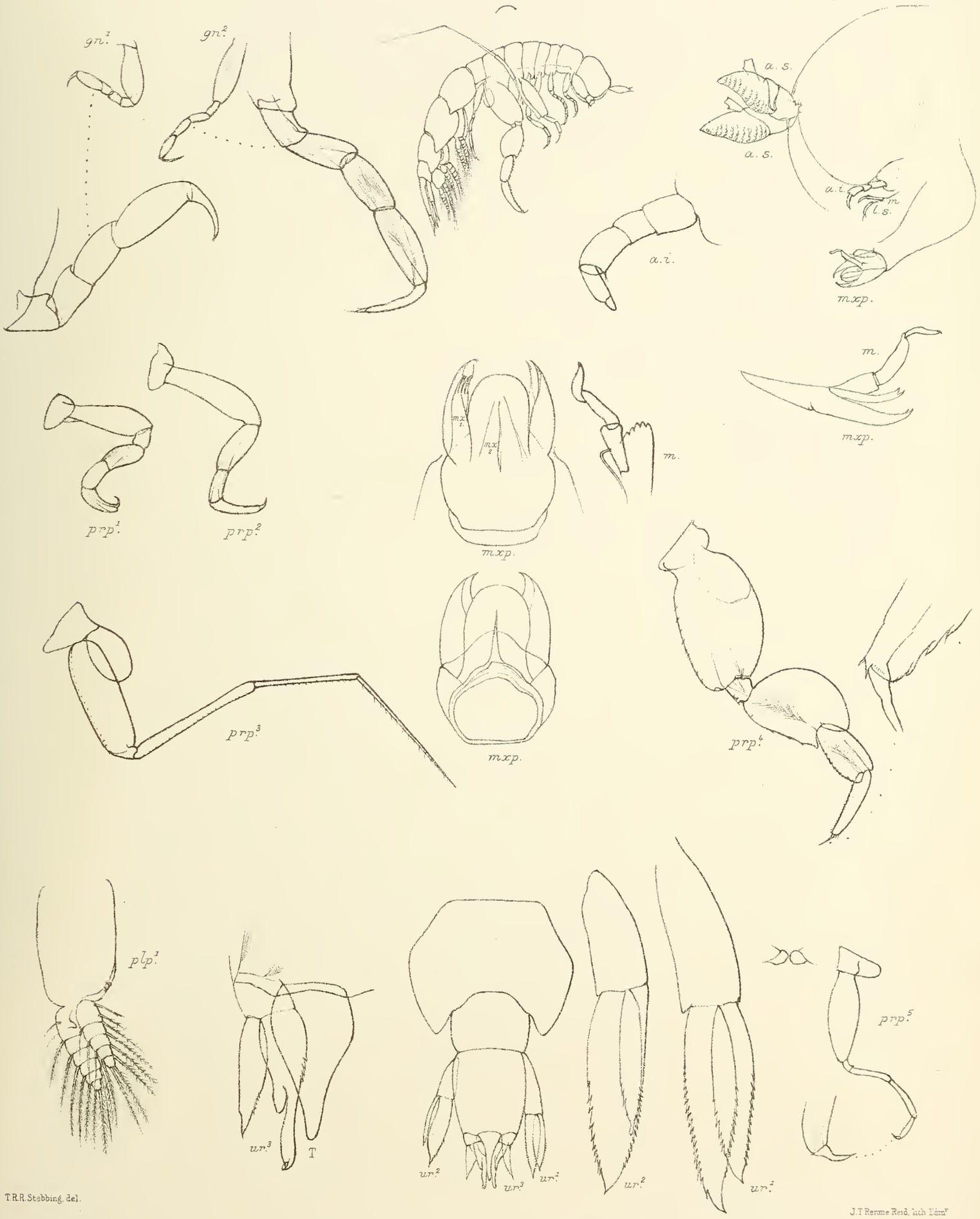
PRIMNO LATREILLEI, n. sp.

B.



T.R.R. Stebbing, del.

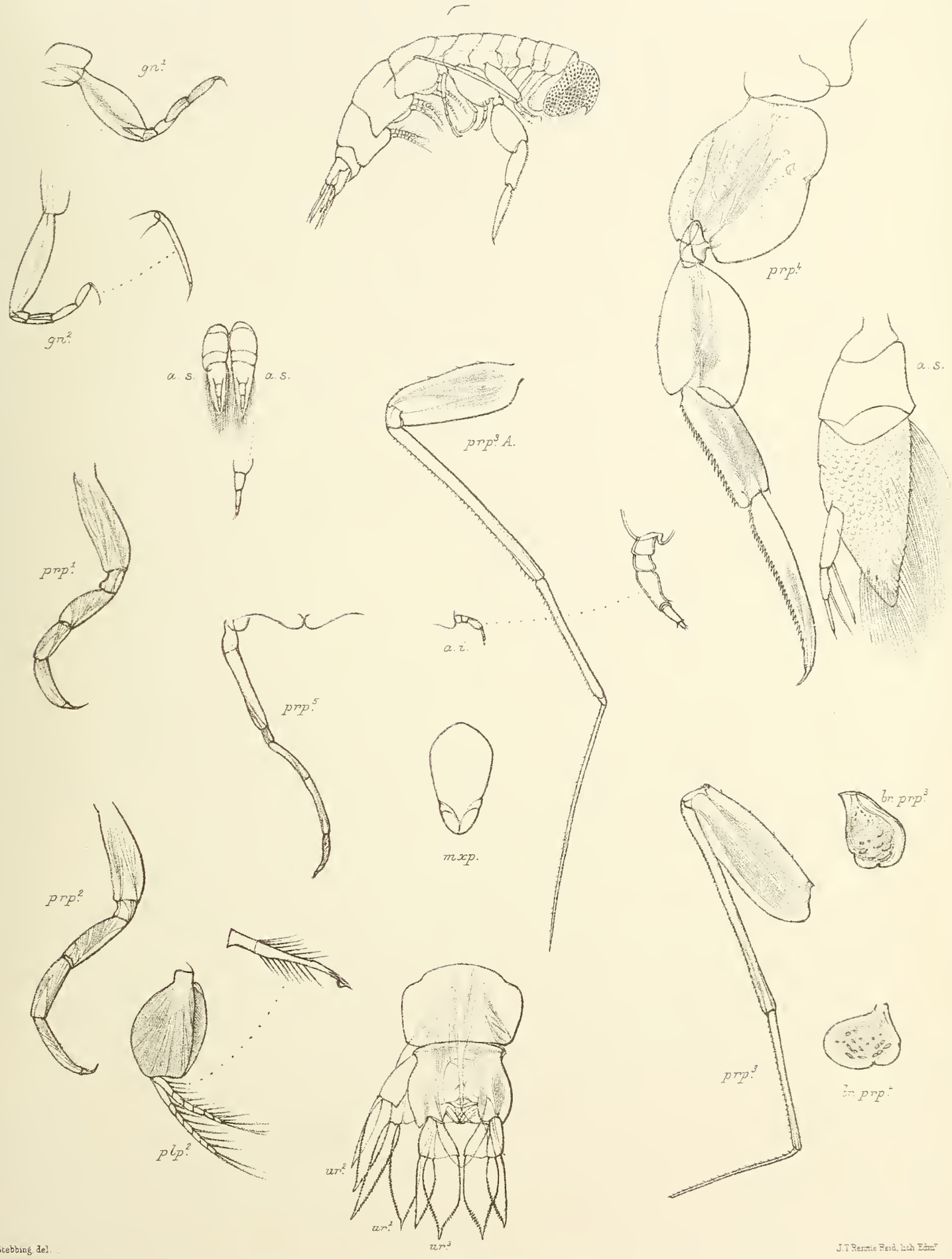
PRIMNO MENEVILLEI, n. sp.



T.R.R.Stebbing, del.

J.T.Renme Reid, lith. Edin.r

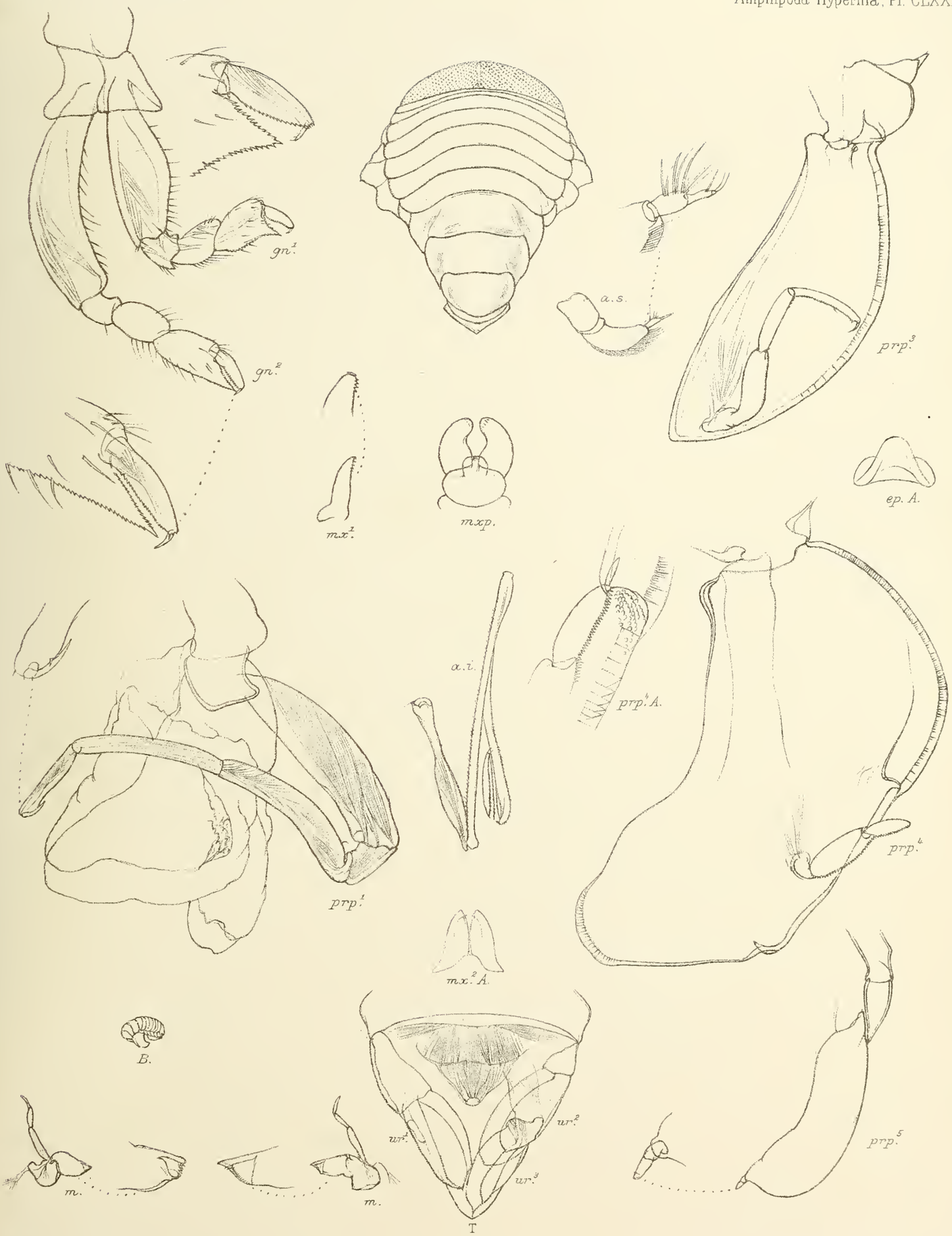
PHORCORRHAPHIS ZAMBOANGÆ, n. sp.



T.R.R.Stebbing, del.

J.T.Rennie Reid, lith. Edin.r

PHORCORRHAPHIS EDWARDSI, n. sp.



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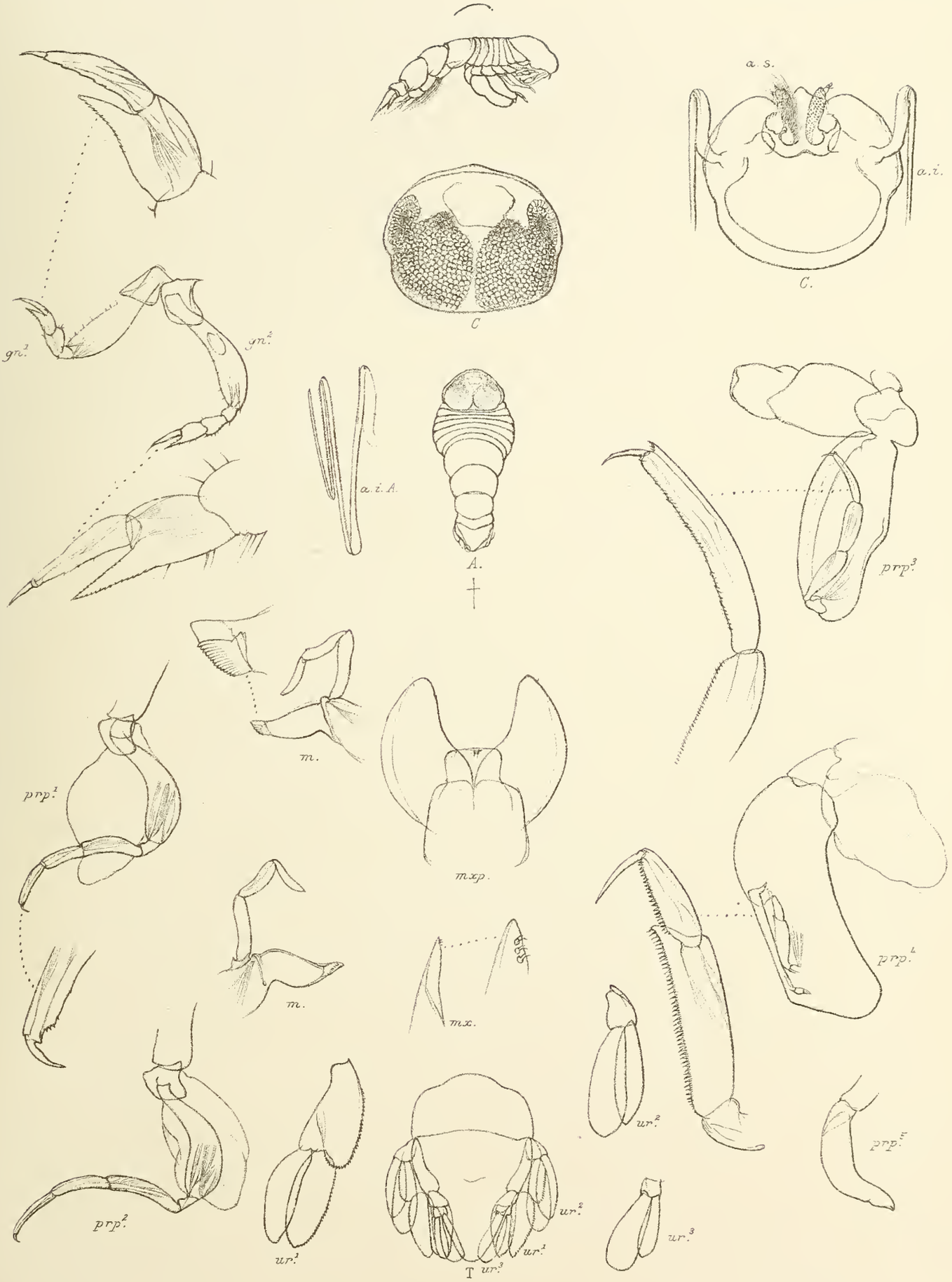
Reid & Cowie Lith. Edinr.

PLATYSCELUS ARMATUS, (Claus).

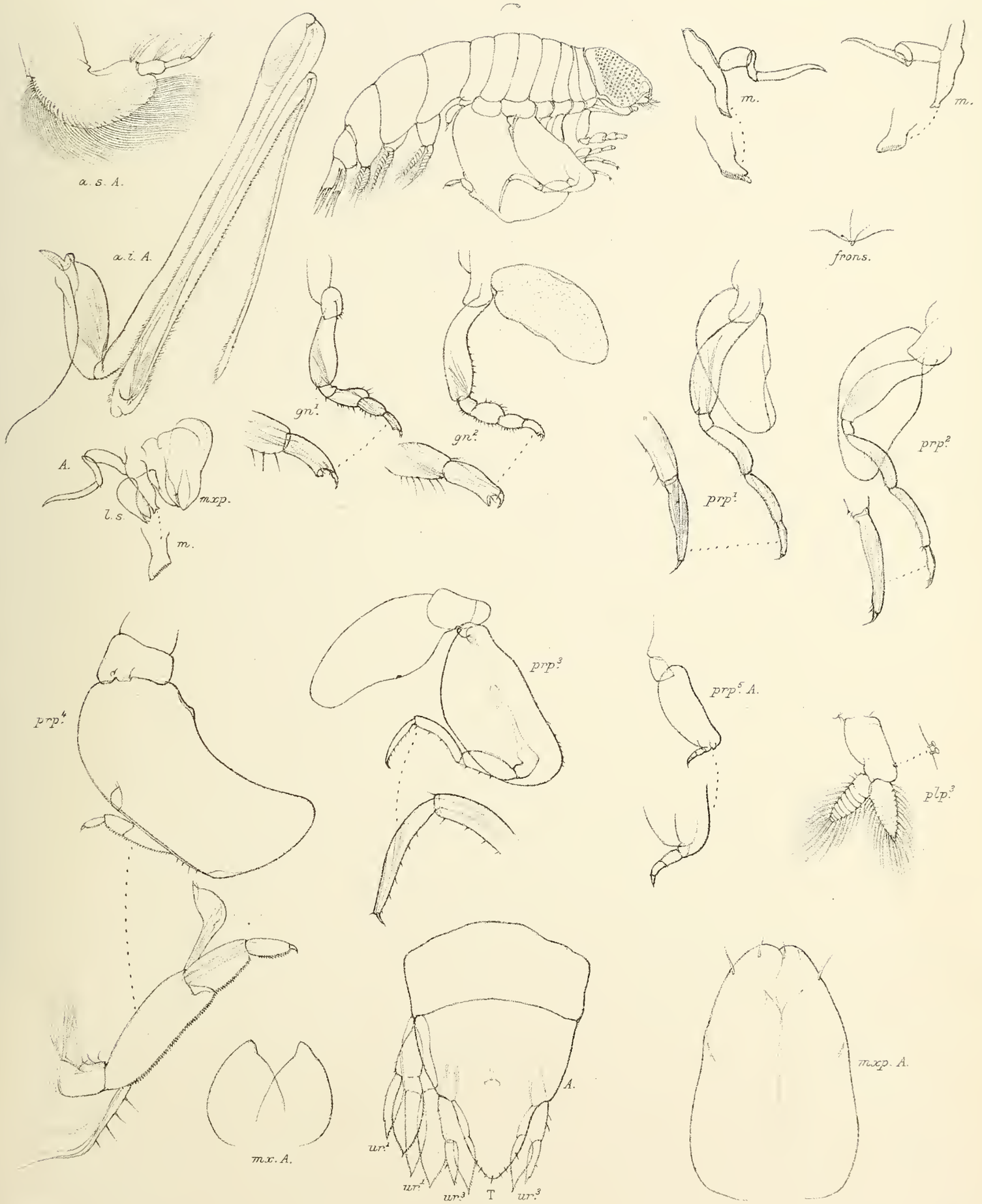


T.R.R. Stebbing, del

Reid & Cowie, Lith. Edin.ʳ

HEMITYPHIS TENUIMANUS, Claus.

NATURAL HISTORY

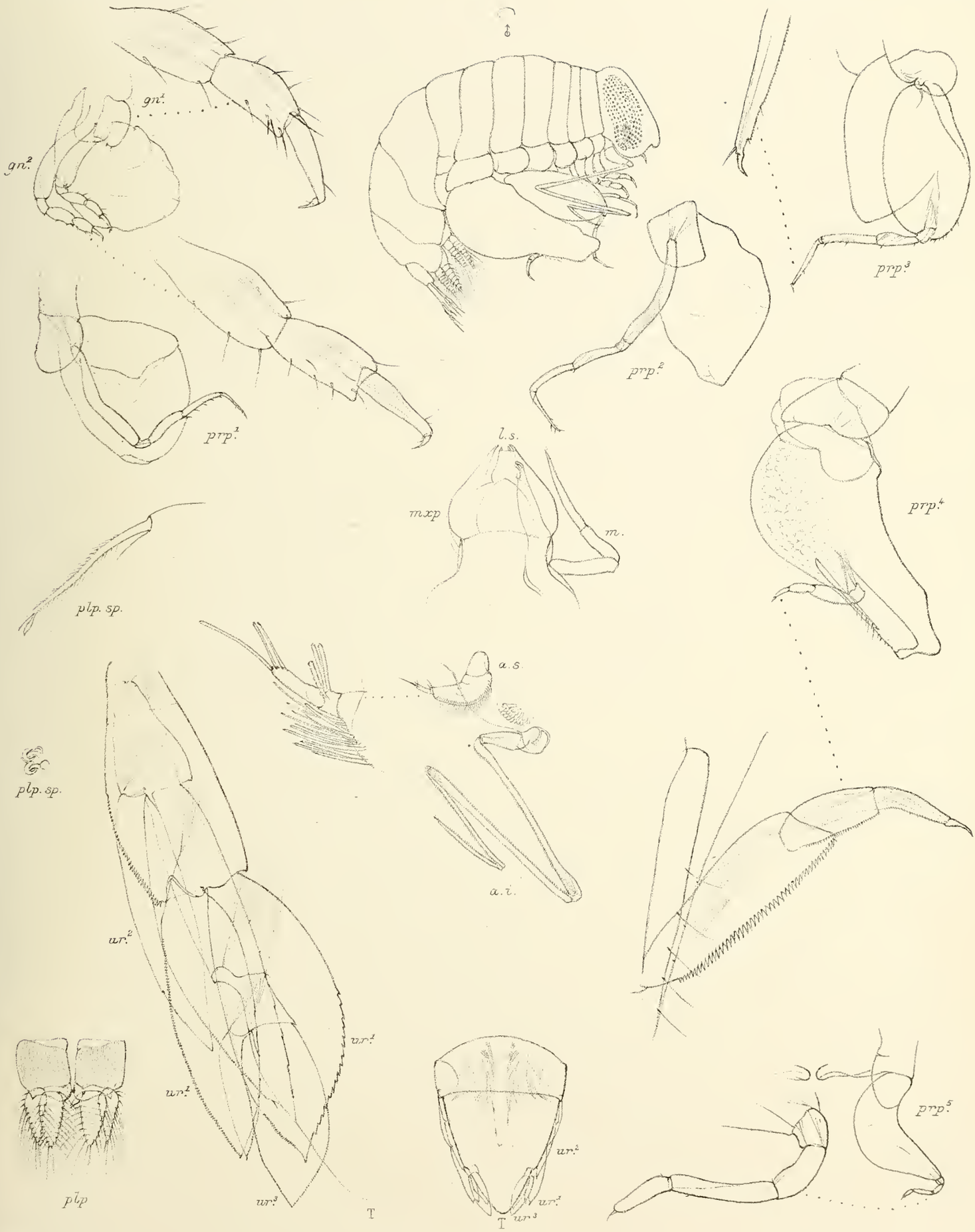


T.R.R. Stebbing, del.

J.T. Rennie Reid, ad nat. fec.

TETRATHYRUS MONCŒURI, n. sp.

NATURAL HISTORY



T.R.R.Stebbing del.

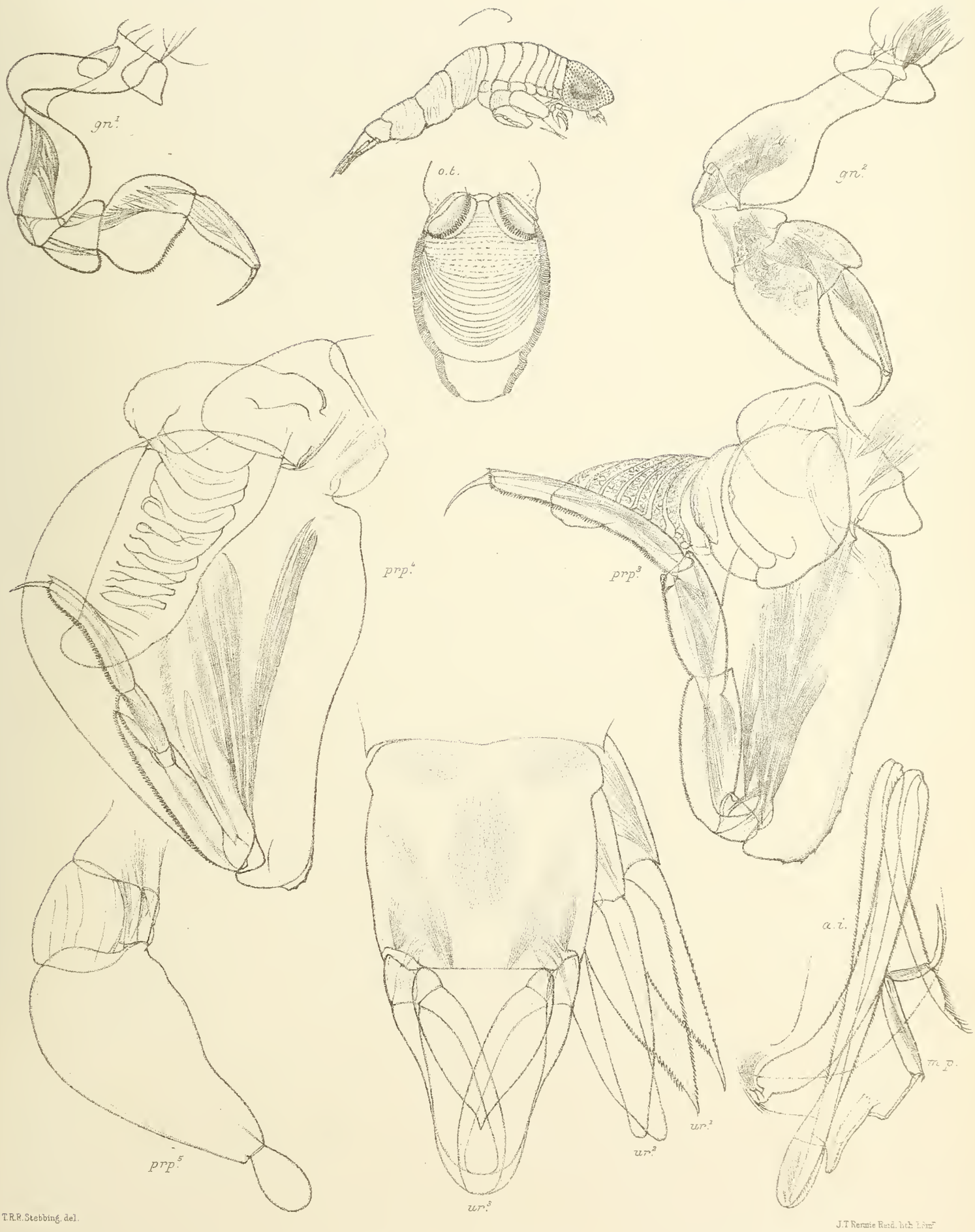
J.T.Rennie Reid, lith. Edinr.

PARASCELUS ZEBU, n. sp.

T.R.R. Stebbing, del.

J.T. Rennie Reid, lith. Edin.r

PRONOE CAPITO, Guérin.



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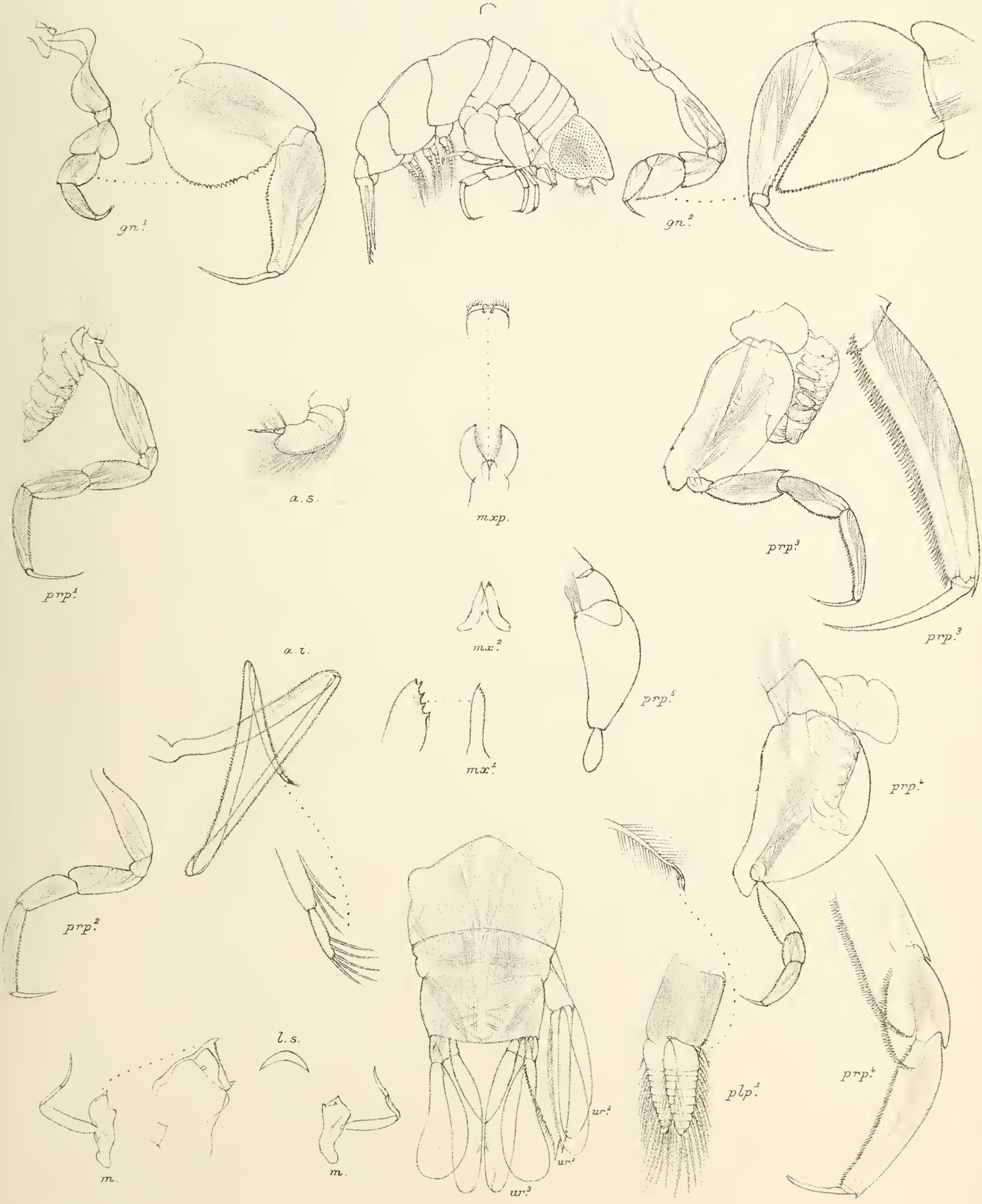
EUPRONOË INSCRIPTA, n. sp.

NATIONAL HISTORY

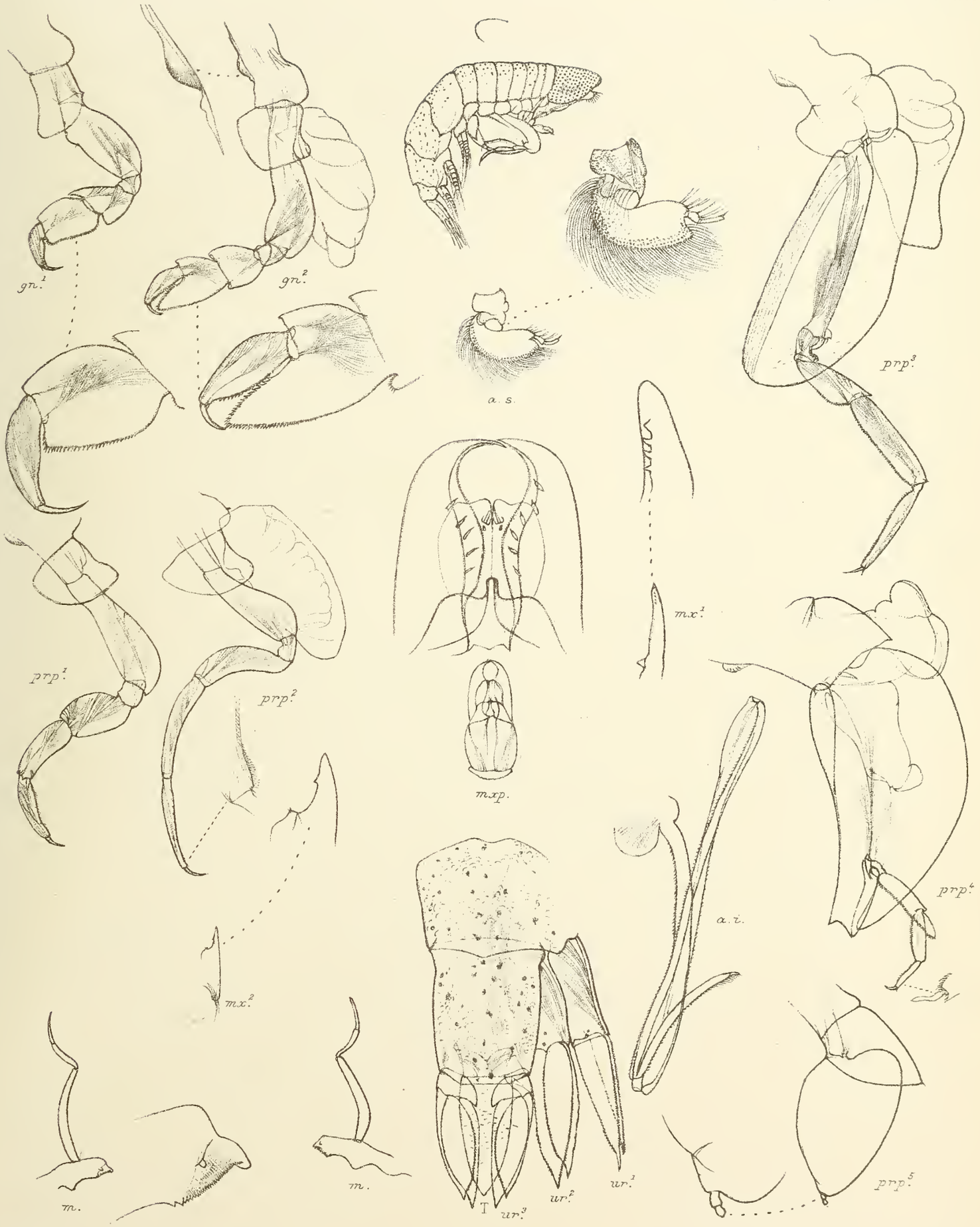


T.R.R.Stebbing del

J.T.Rennie Reid. lith. Edin.r

EUPRONOË INTERMEDIA, n. sp.

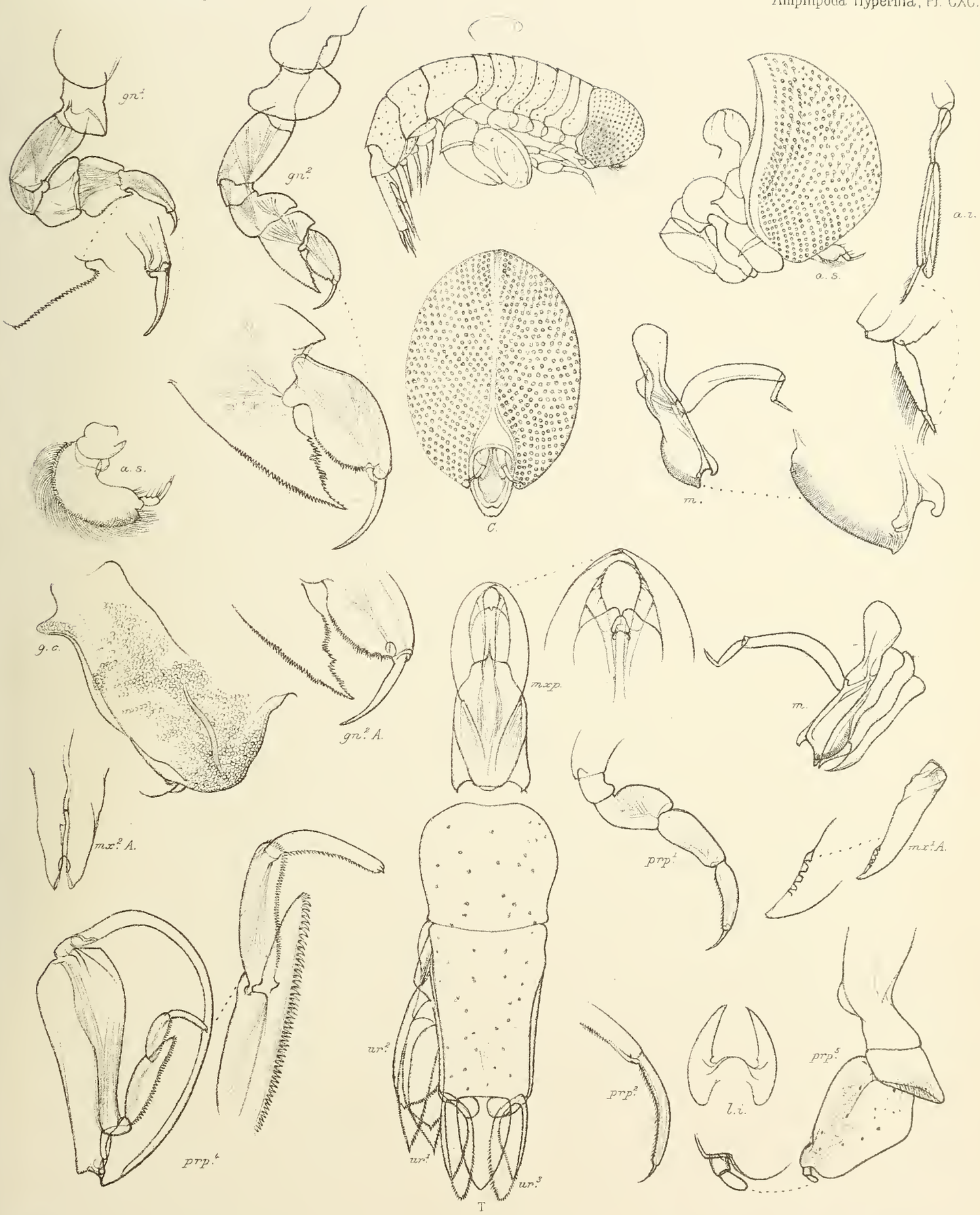
BRITISH MUSEUM



T.R.R. Stebbing del.

J.T. Rennie Read, lith. Edin.r

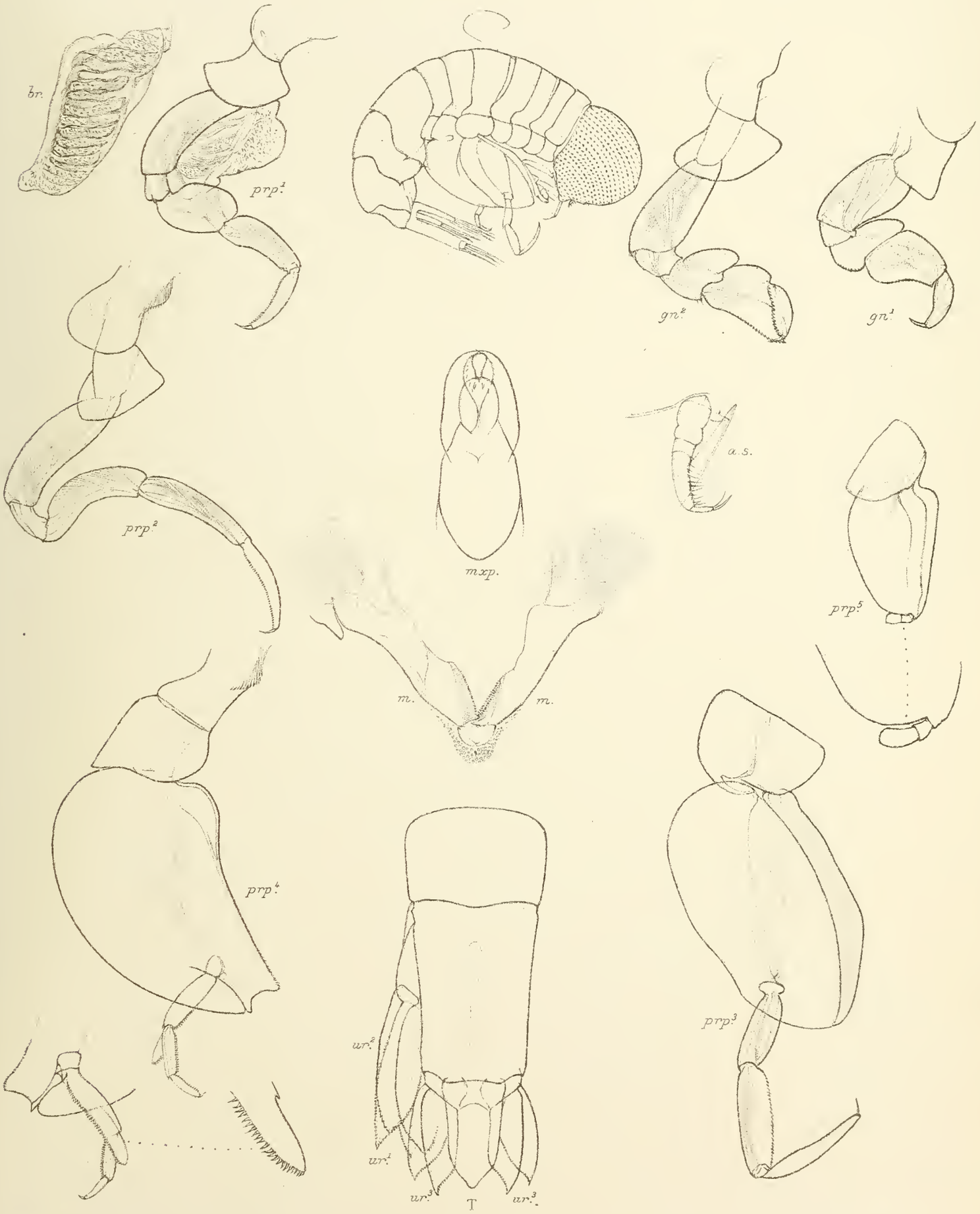
PARAPRONOË CAMPBELLI, n. sp.



T.R.R. Stebbing, del.

J.T. Renme Reid, lith. Edin.ʳ

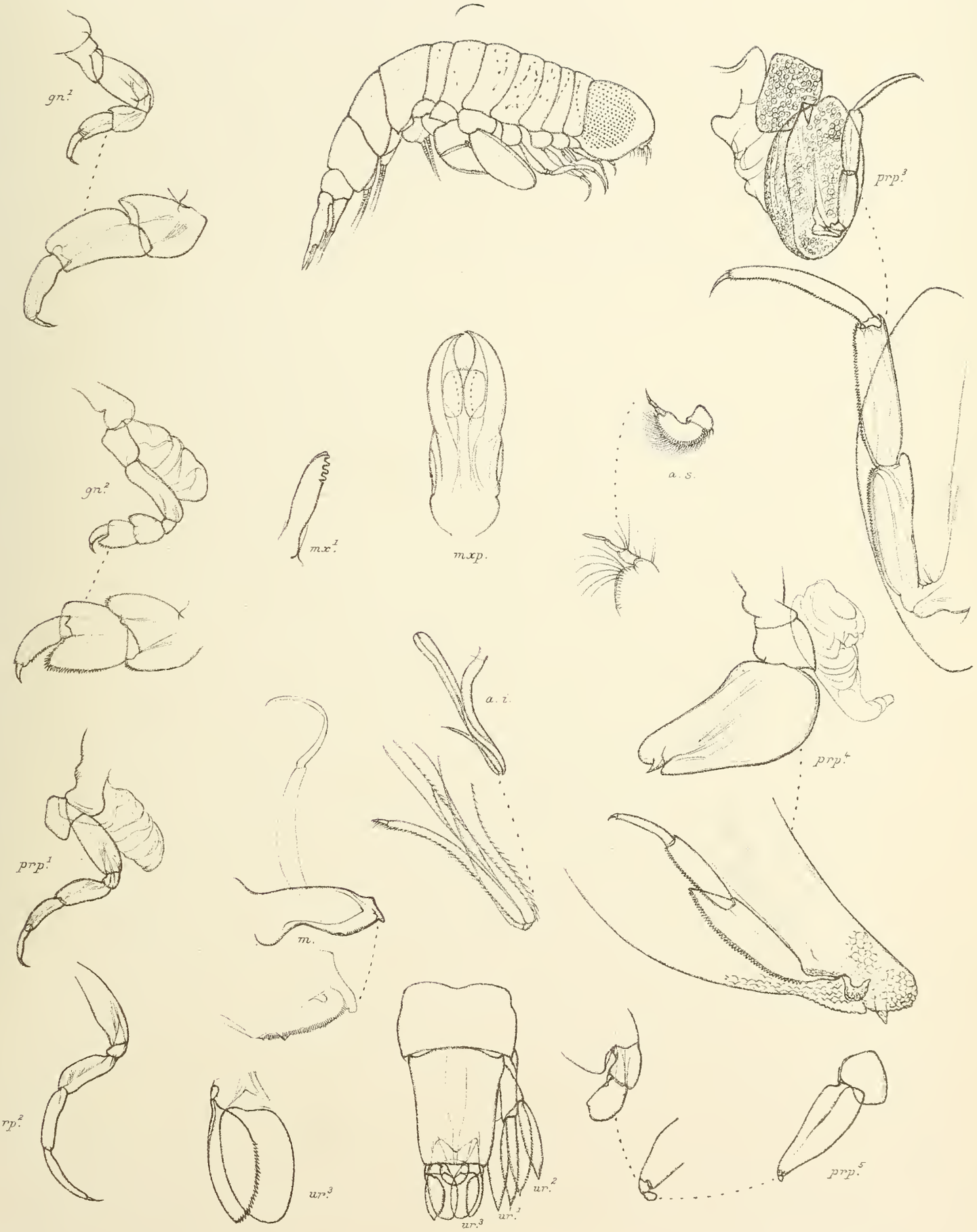
PARAPRONOË CLAUSI, n. sp.



T.R.R. Stebbing, del.

J.T. Rennie Reid, lith. Edin.r

PARAPRONOË CLAUSOIDES, n. sp.



T.R.R.Stebbing, del

J.T.Renme Reid, lith. Edin.r

SYMPRONOË PARVA, (Claus).

BRITISH MUSEUM
NATURAL HISTORY.

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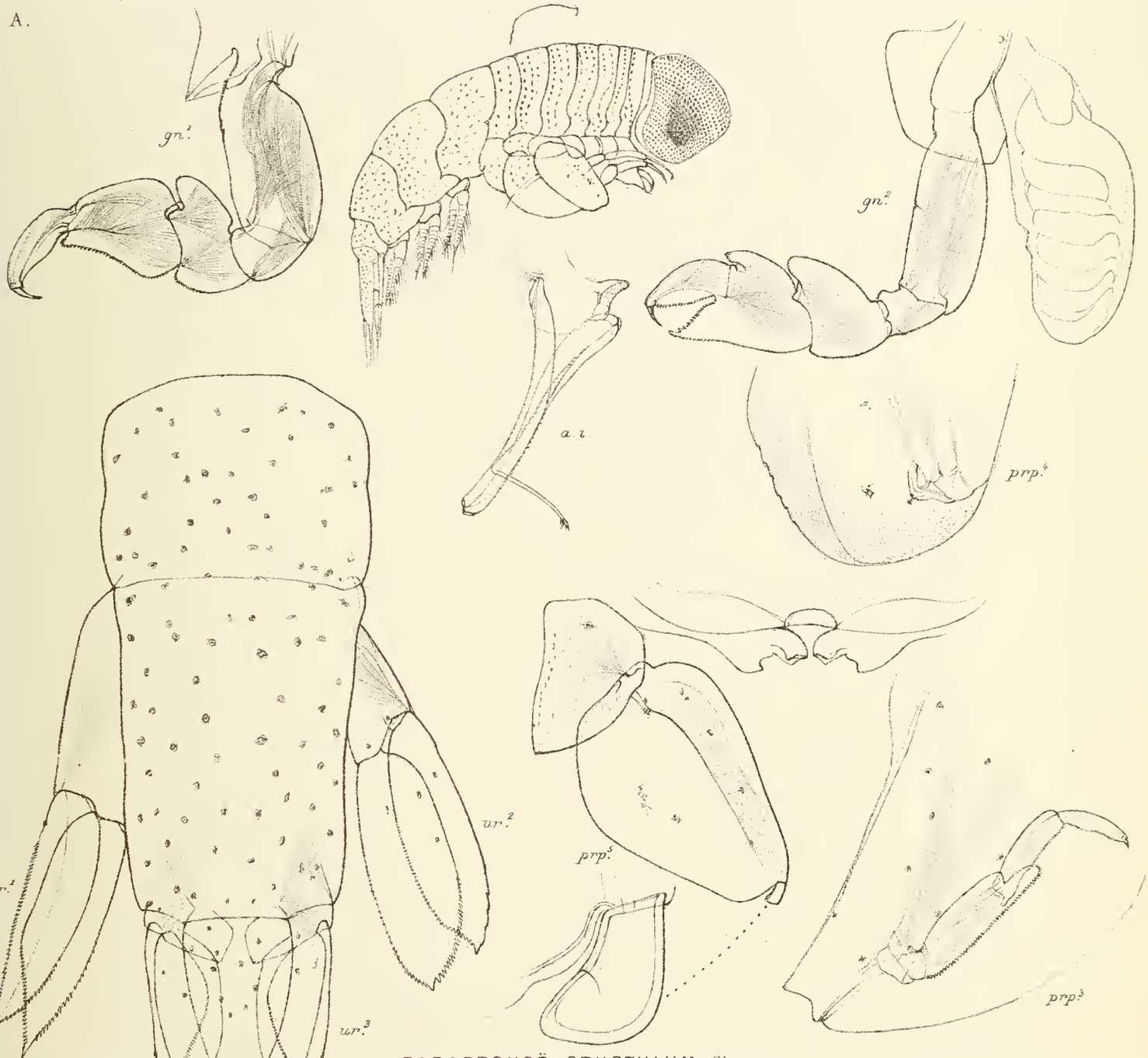

PARAPRONOË CRUSTULUM, Claus.

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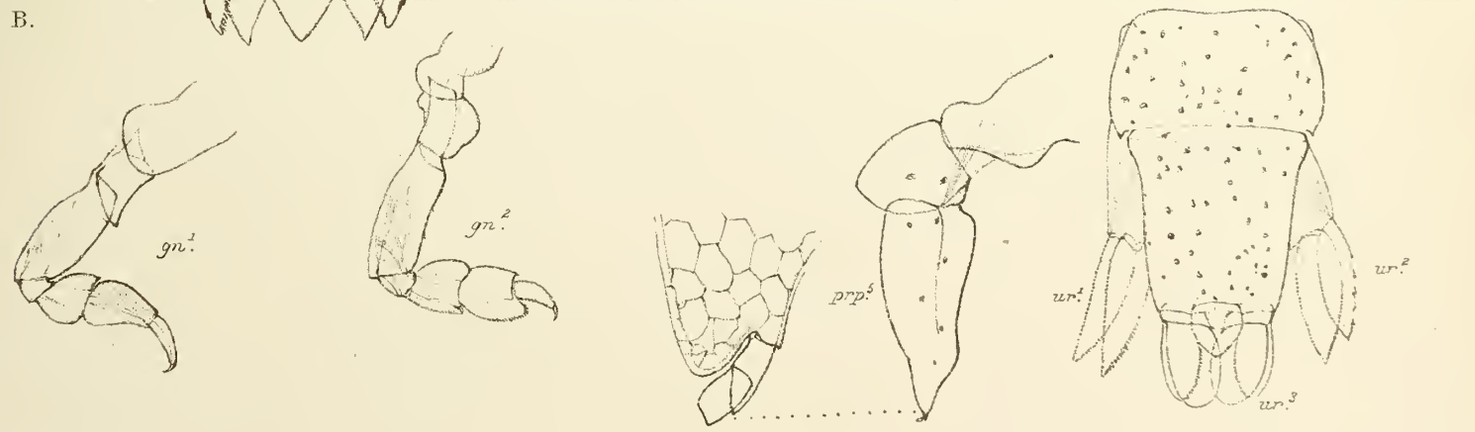
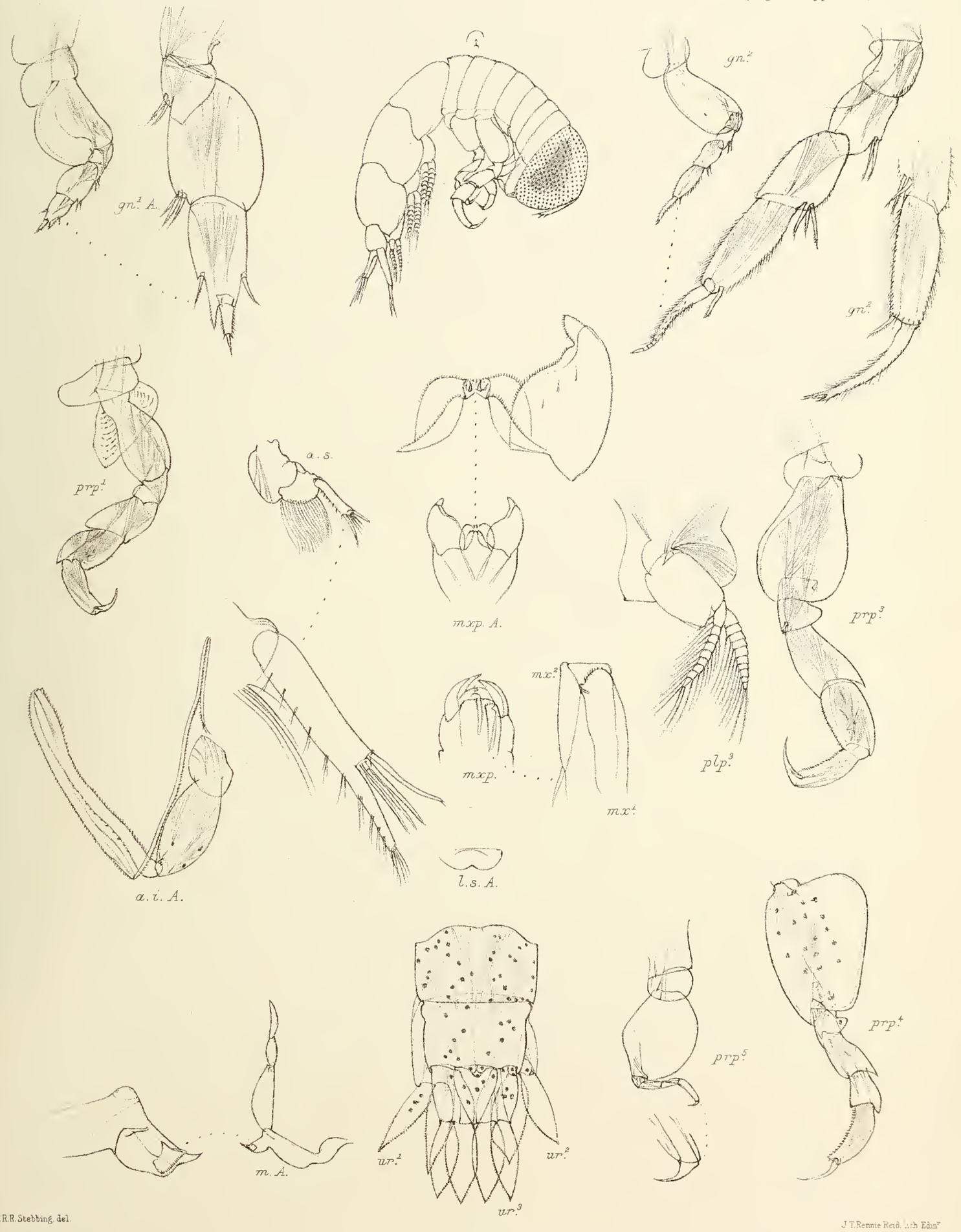


T.R.R. Stebbing, del.

J.T. Renme Reid, lith. Edin.r

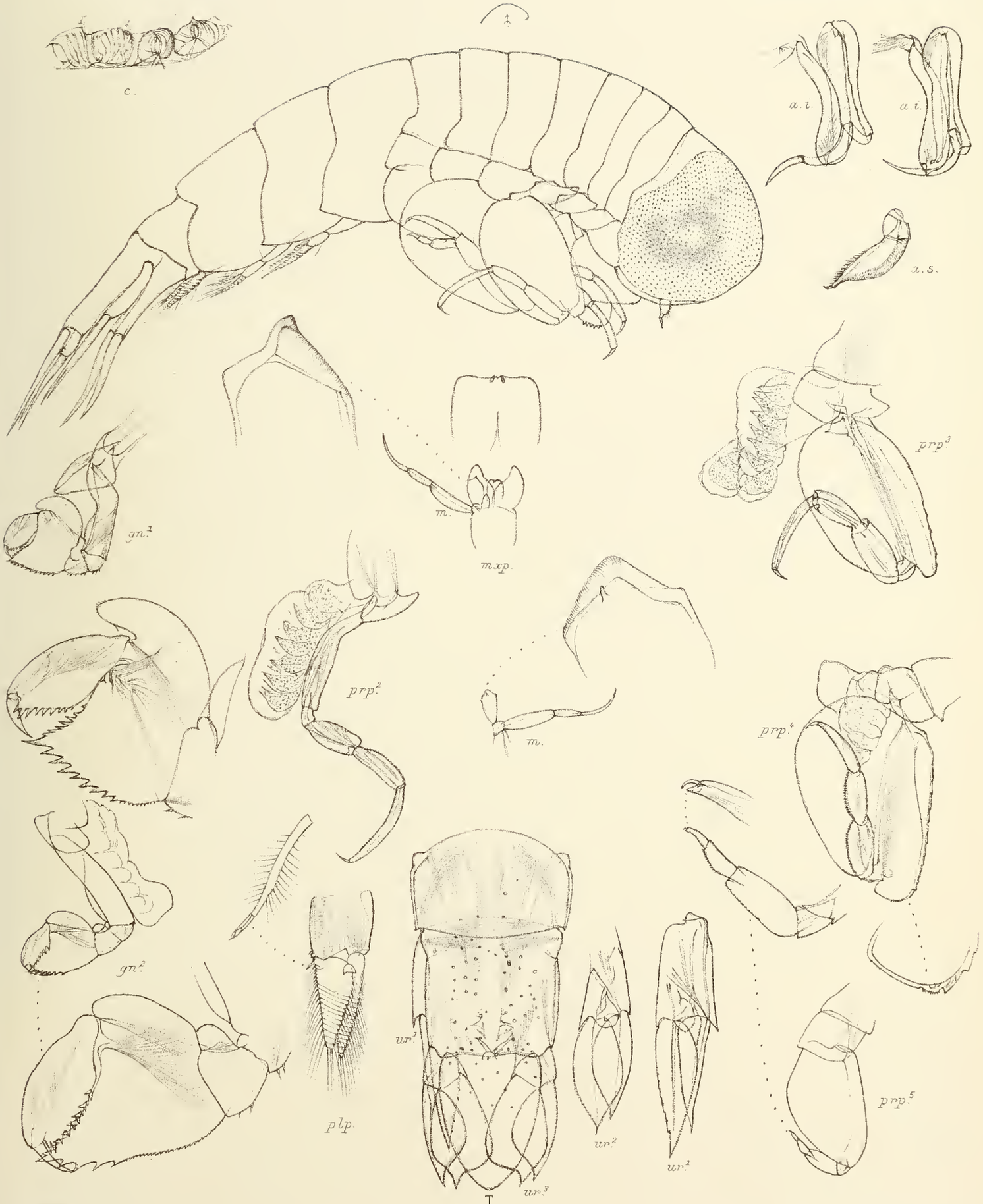
SYMPRONOË PROPINQUA, n. sp.



T.R.R. Stebbing del.

J.T. Rennie Reid. Lith Edin.r

TRYPHANA BOECKI, n. sp.

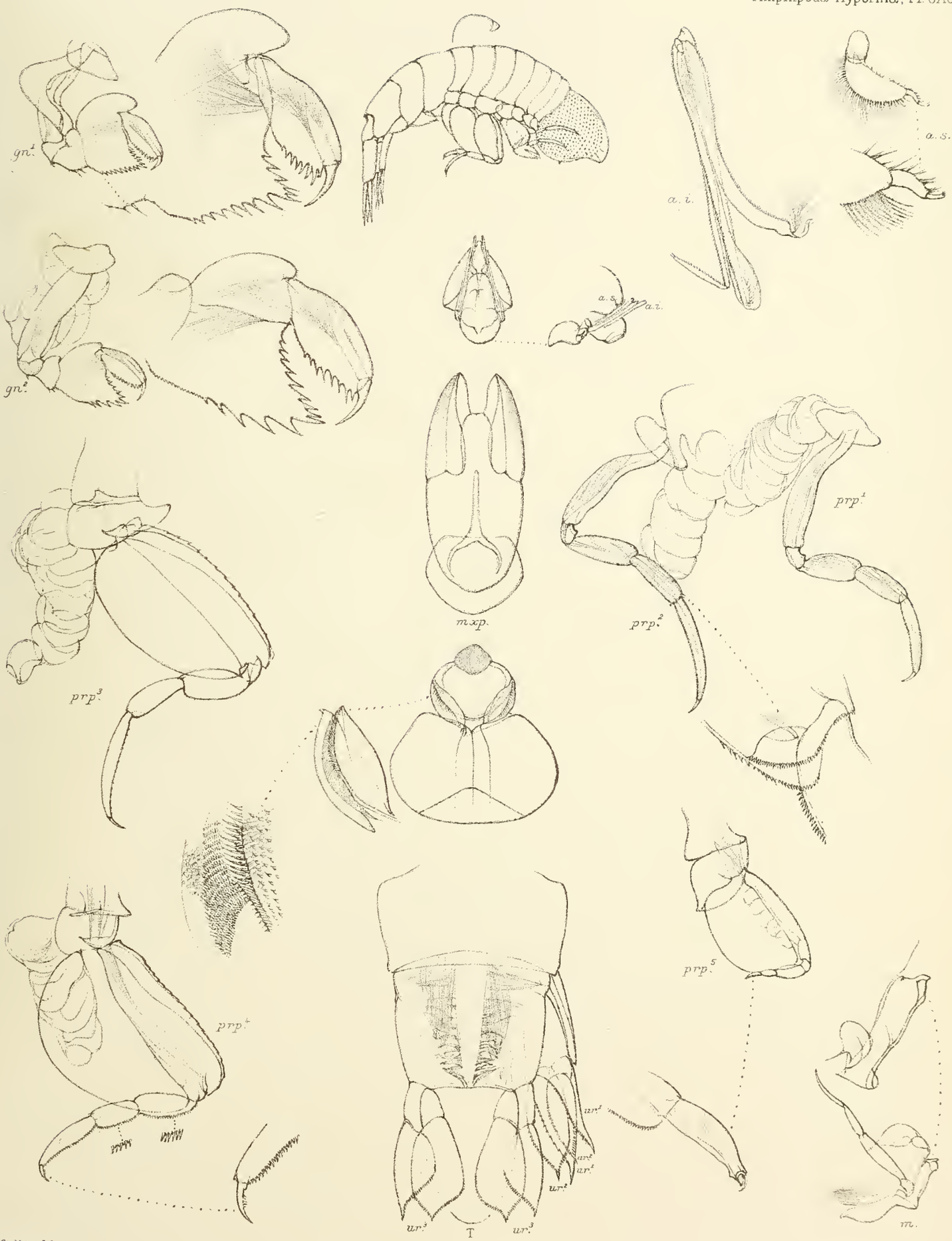


T R R. Stebbing, del.

J.T Rennie Reid, lith. Edin.r

BRACHYSCELUS CRUSCULUM, Spence Bate.

BRITISH MUSEUM
LIBRARY

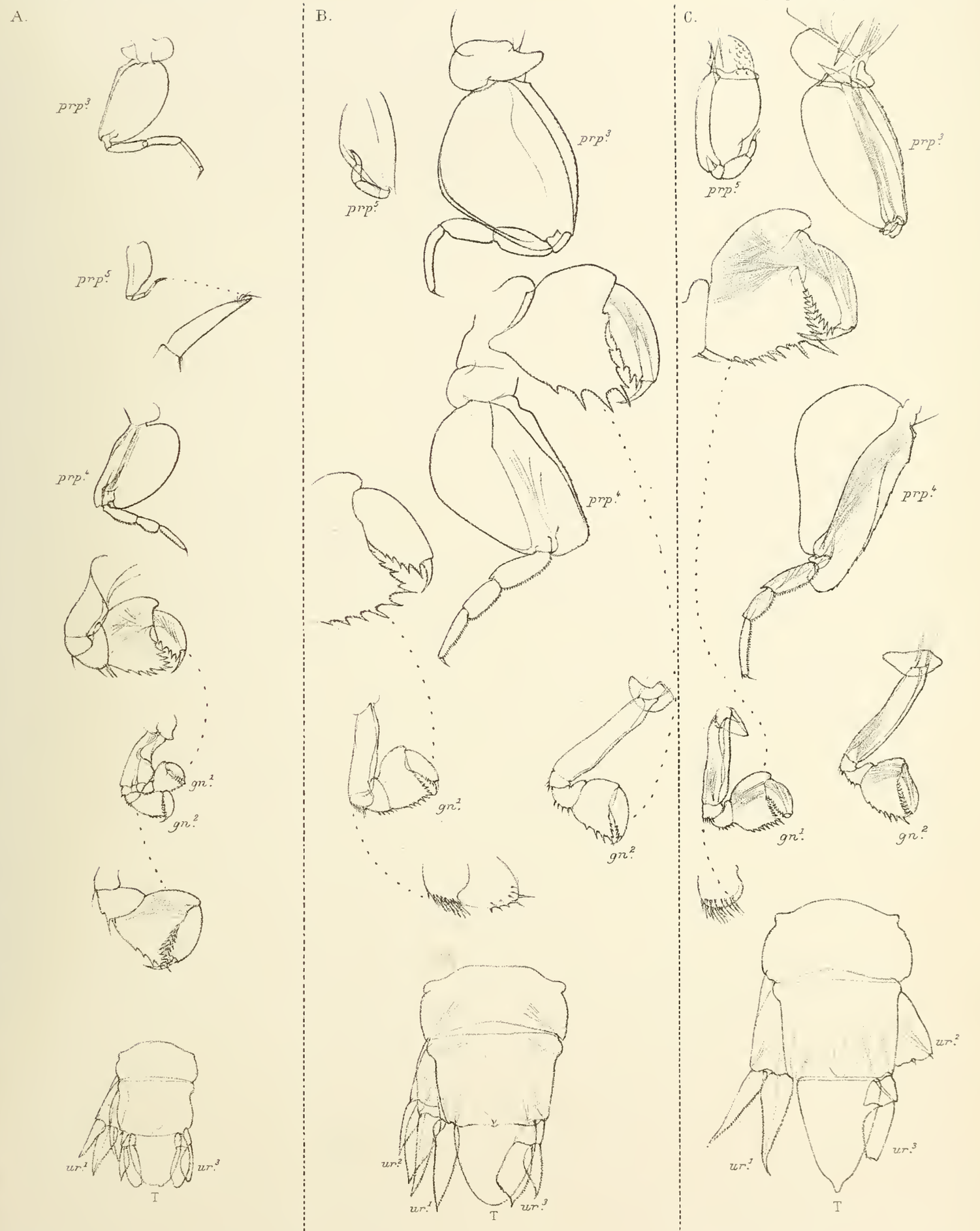


T.R.R. Stebbing, del.

Reid & Cowie, Lith. Edin.r

BRACHYSCELUS CRUSCULUM, Spence Bate.

NATURAL HISTORY.



T.R.R. Stebbing, del.

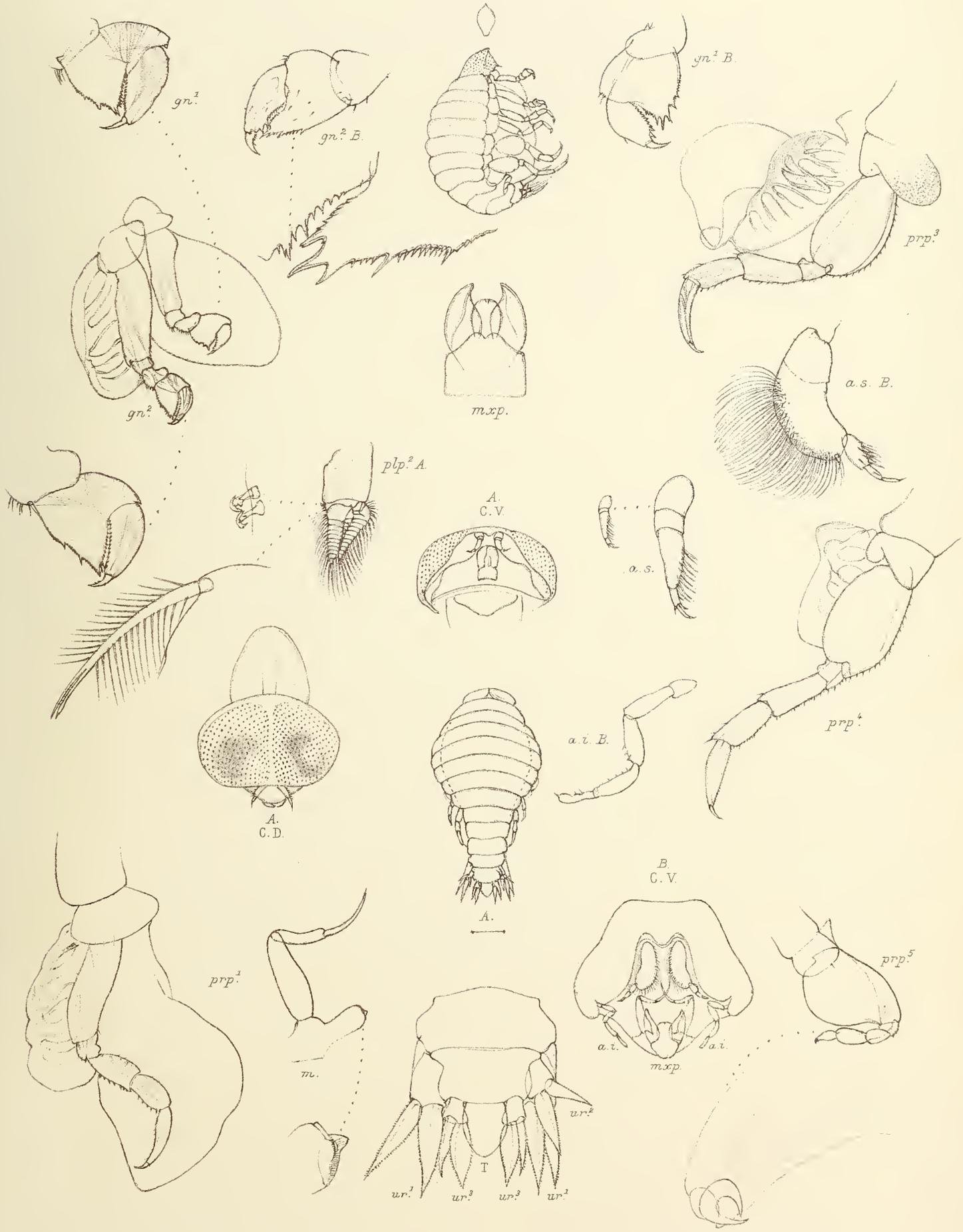
J.T. Rennie Reid, Lith. Edinr.

BRACHYSCELUS BOVALLII, n. sp.

BRACHYSCELUS LATIPES, n. sp.

BRACHYSCELUS ACUTICAUDATUS, n. sp.

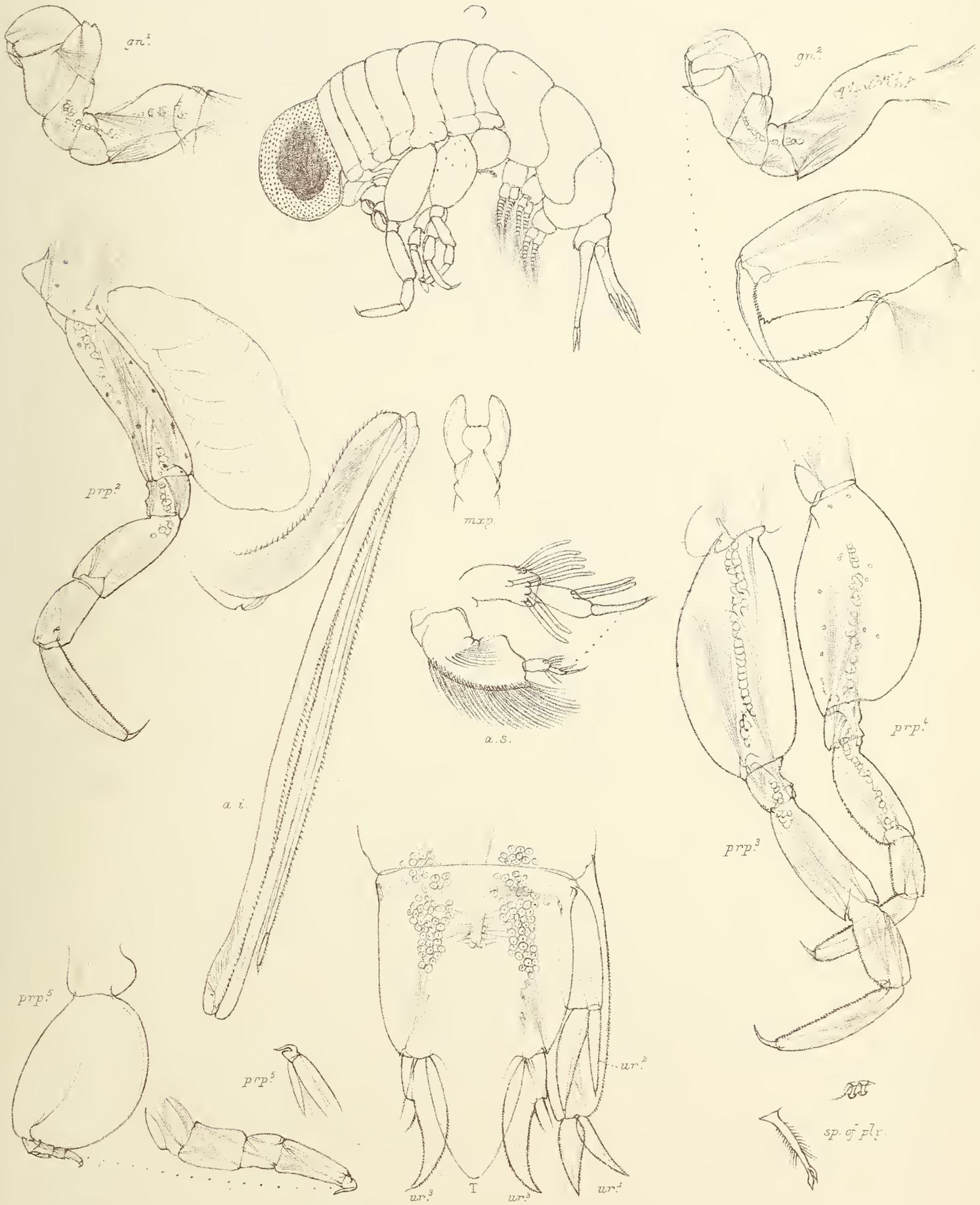
NATURAL HISTORY.



T.R.R. Stebbing del.

J.T. Rennie Reid, lith. Edinr.

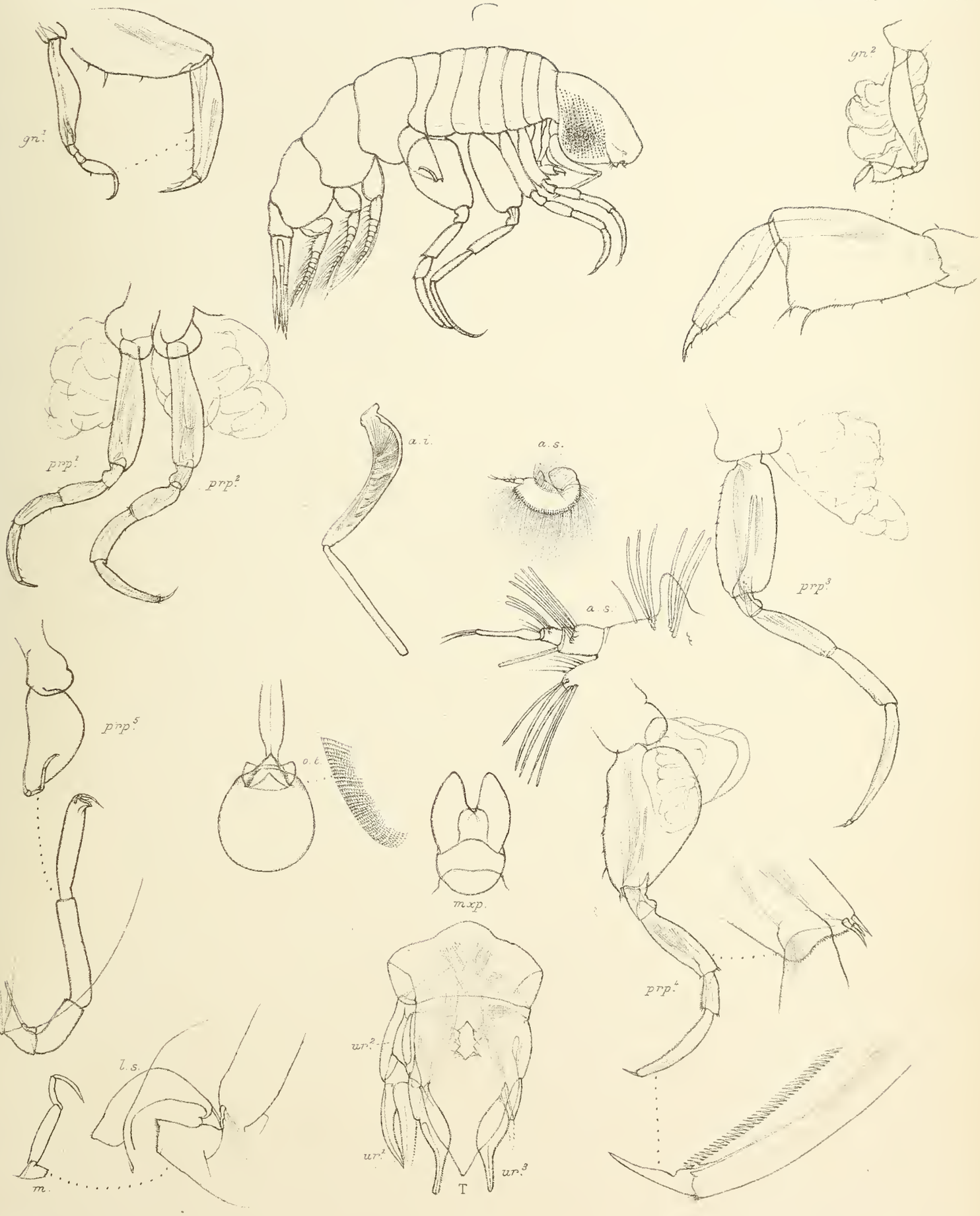
THAMNEUS PLATYRRHYNCHUS, n. sp.



T.R.R.Stebbing, del

J.T.Renme Reid. ith Edin.r

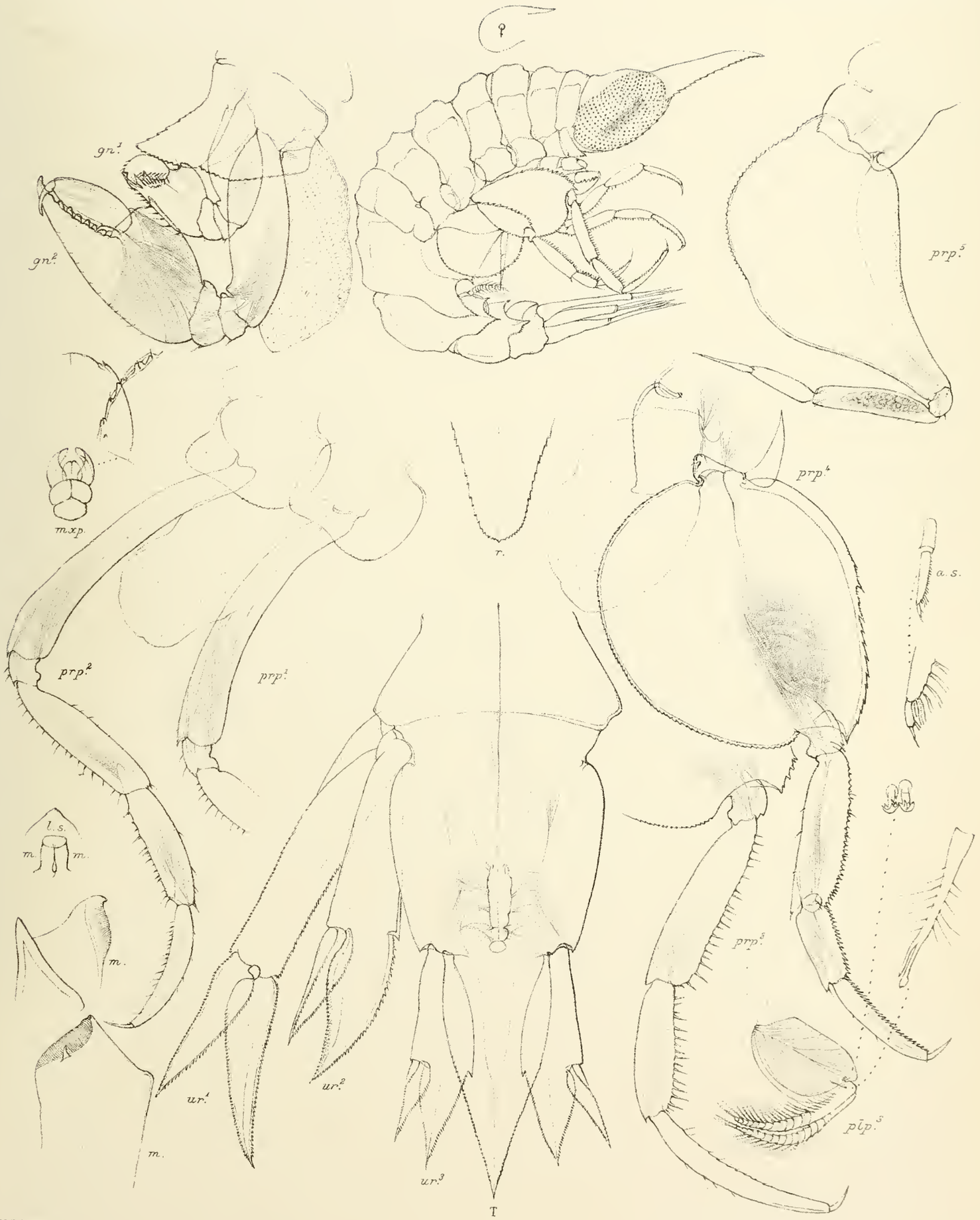
LYCÆA VINCENTII, n. sp.



T.R.R.Stebbing, del.

J.T.Rennie Reid, lith. Edin.r

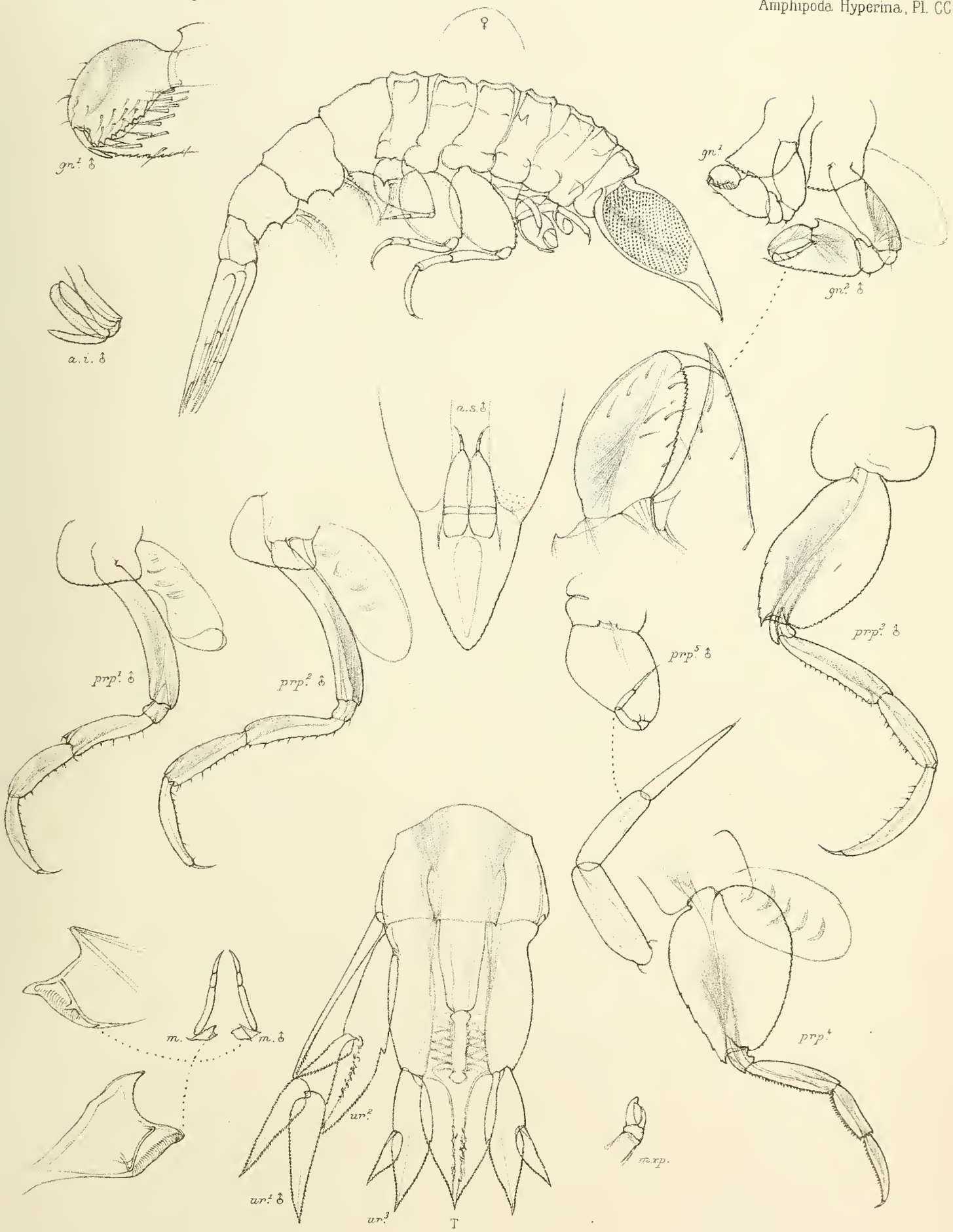
SIMORHYNCHOTUS ANTENNARIUS, (Claus).



T.R.R.Stebbing, del.

Reid & Cowie, Lith. Edin.

OXYCEPHALUS CLAUSI, Bovallius.

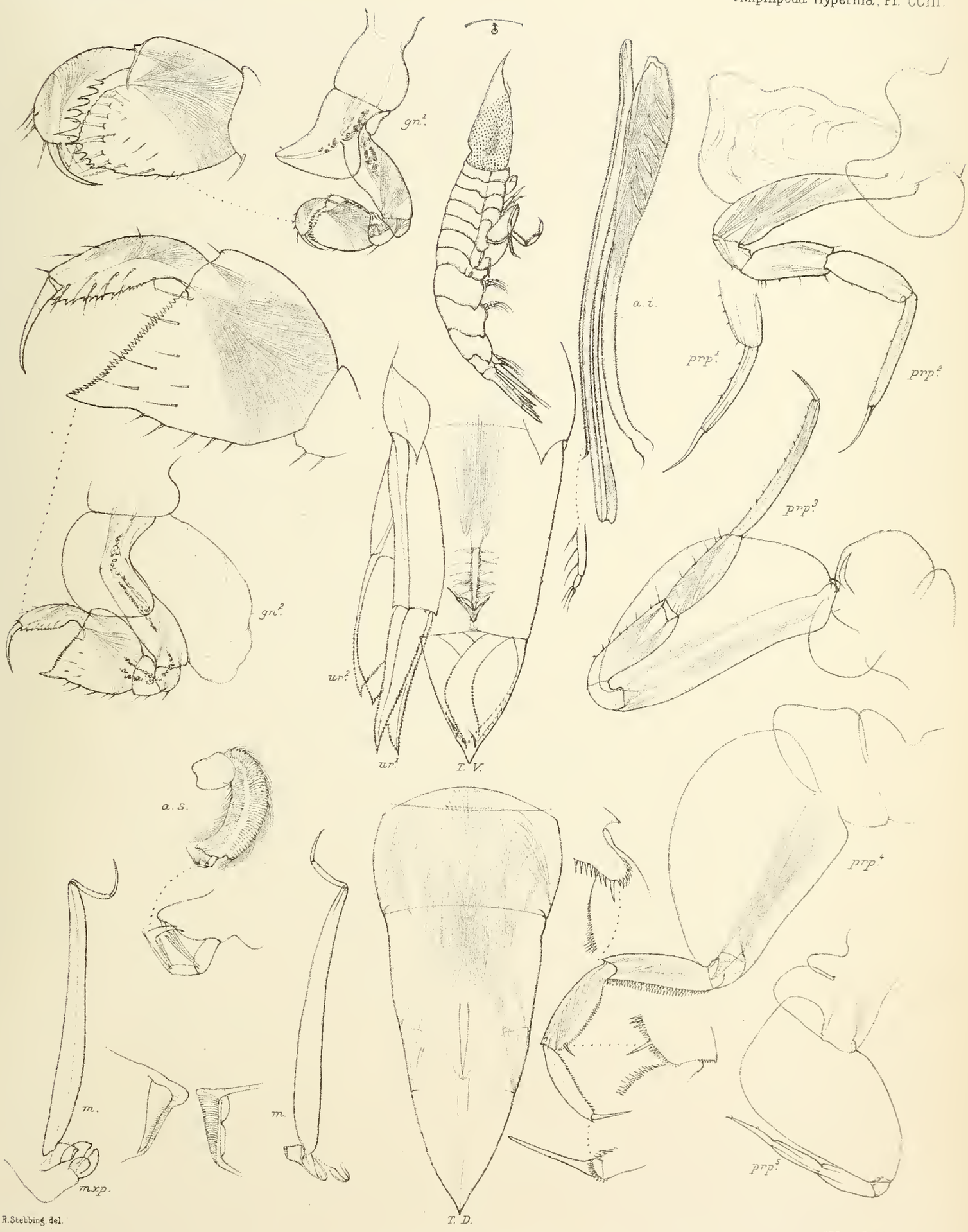


T.R.R.Stebbing. del.

Reid & Cowie, lith. Edin.

OXYCEPHALUS CLAUSI, Bovallius.

BRITISH MUSEUM
NATURAL HISTORY



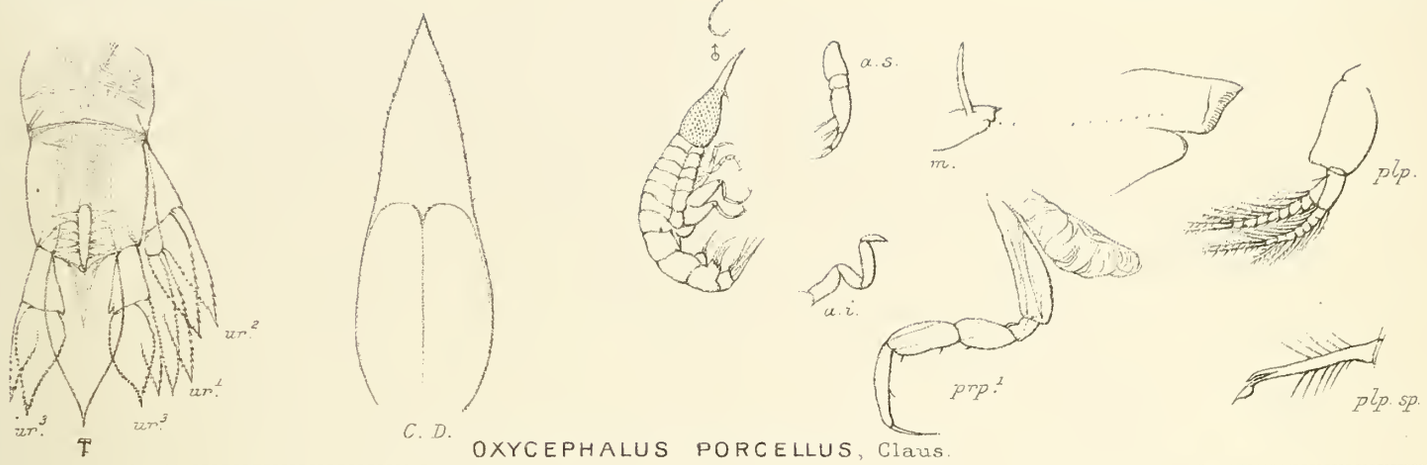
T.R.R. Stebbing, del.

J.T. Rennie Reid, lith. Edin.r

OXYCEPHALUS PORCELLUS, Claus.

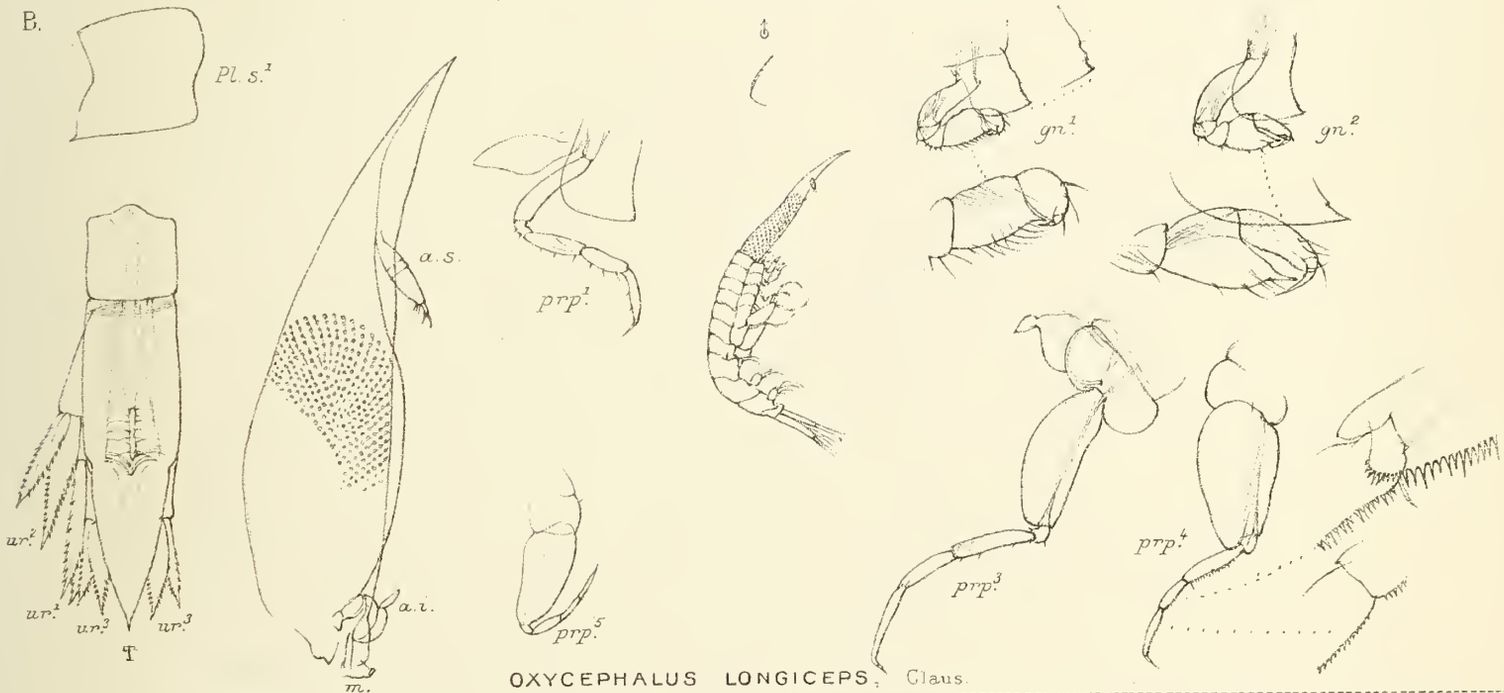
NATURAL HISTORY

A.



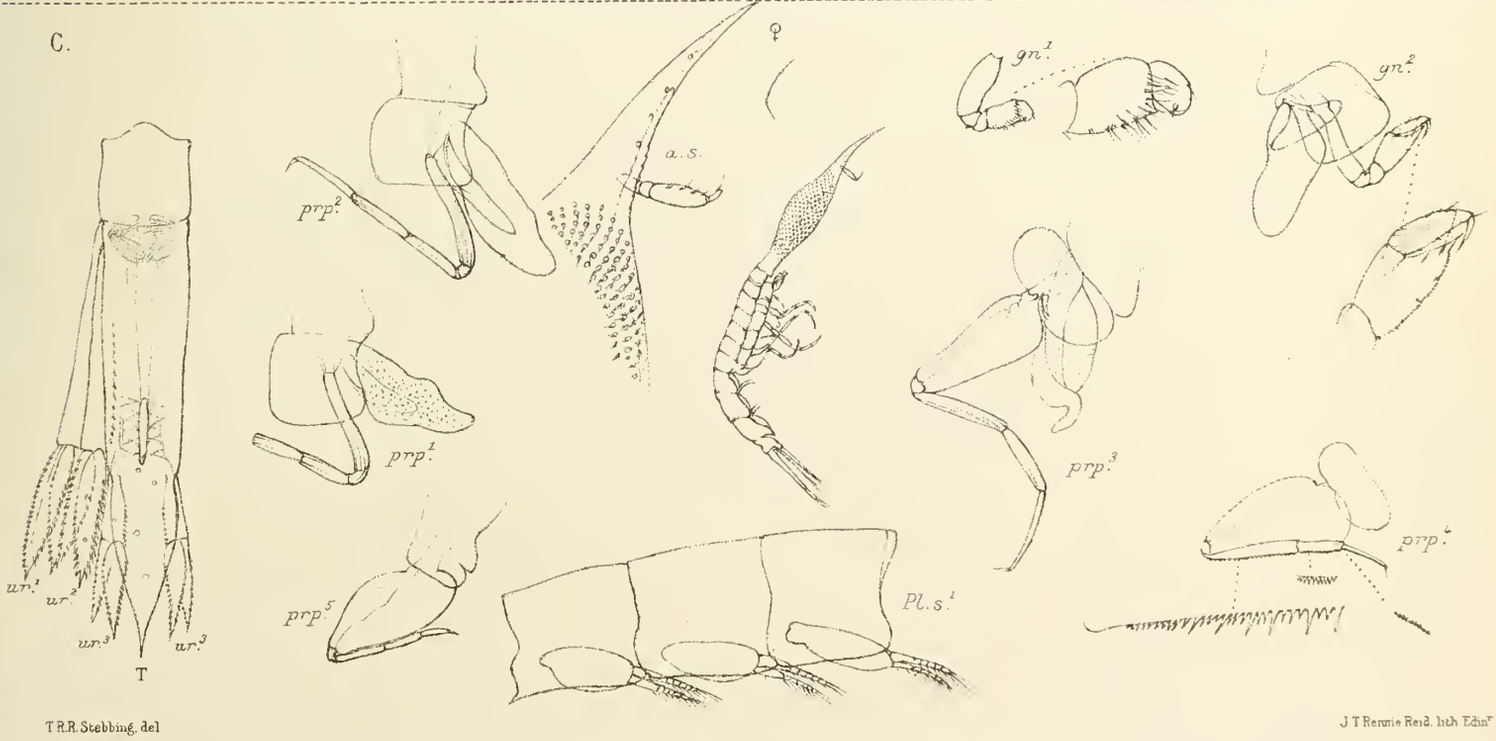
OXYCEPHALUS PORCELLUS, Claus.

B.



OXYCEPHALUS LONGICEPS, Claus.

C.

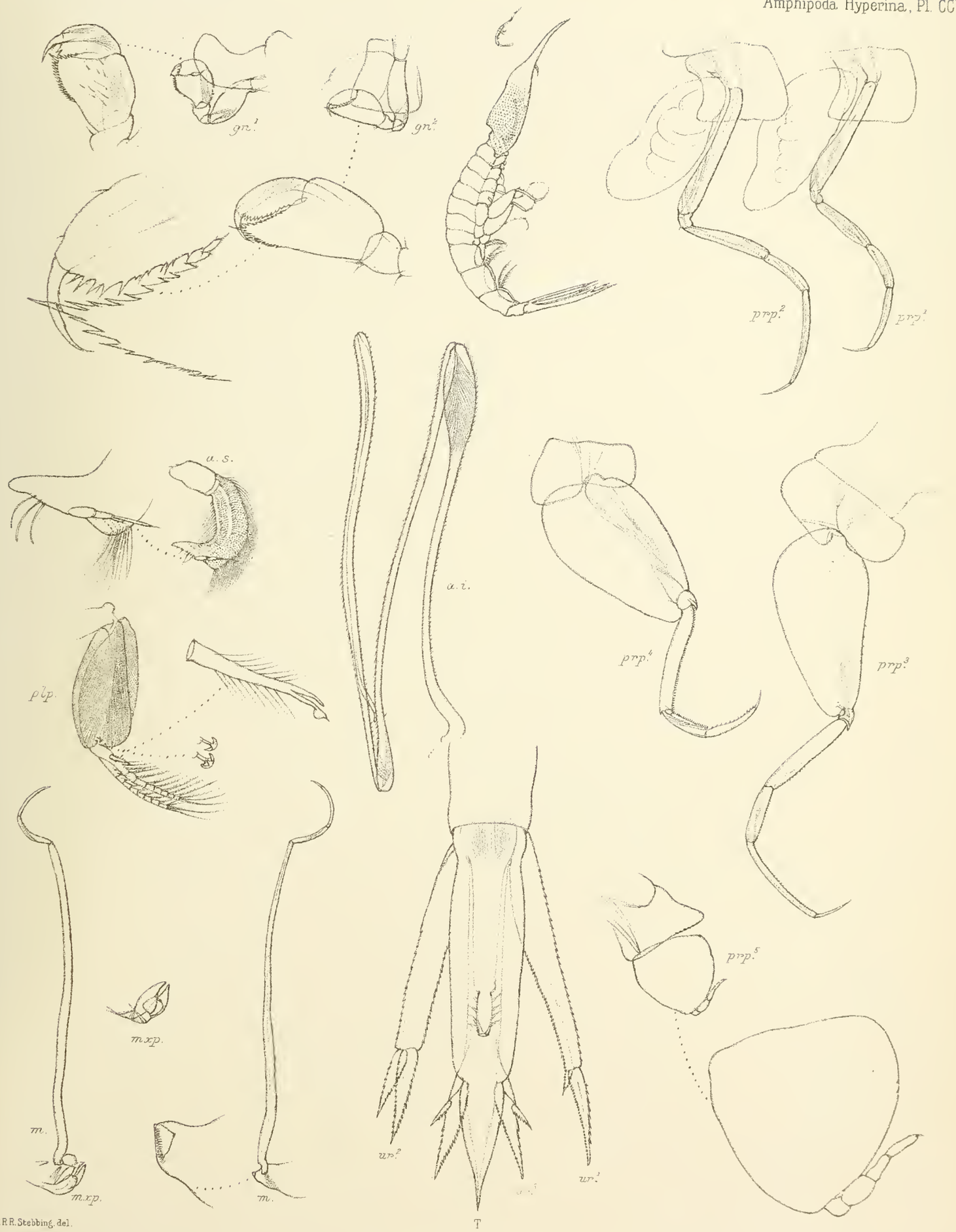


T.R.R. Stebbing, del

J.T. Rennie Reid. lith. Edin.r

LEPTOCOTIS MINDANAONIS, n. sp.

NATURAL HISTORY

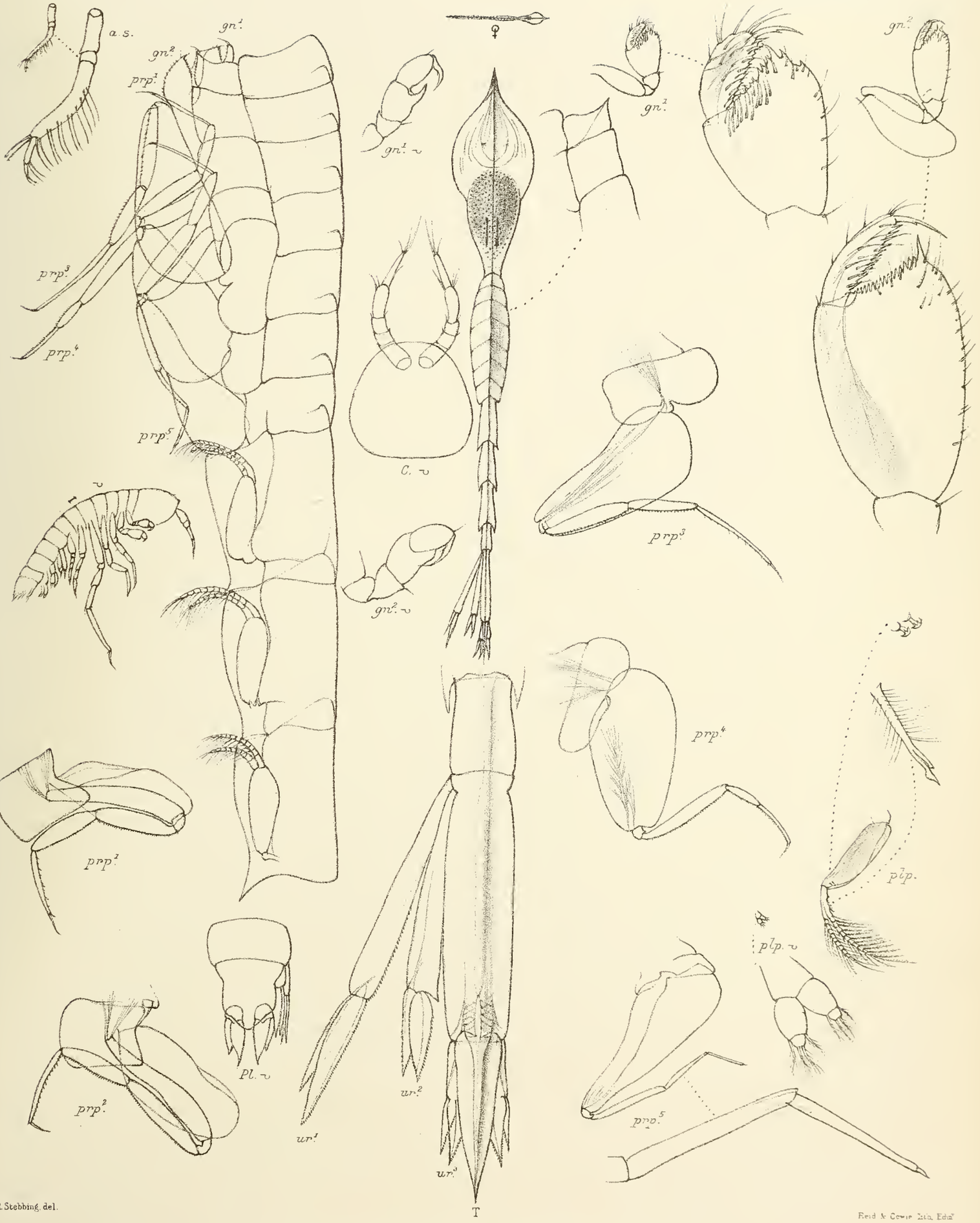


T.R.R.Stebbing, del.

Reid & Cowie, Lith. Edin.

LEPTOCOTIS AMBOBUS, n. sp.

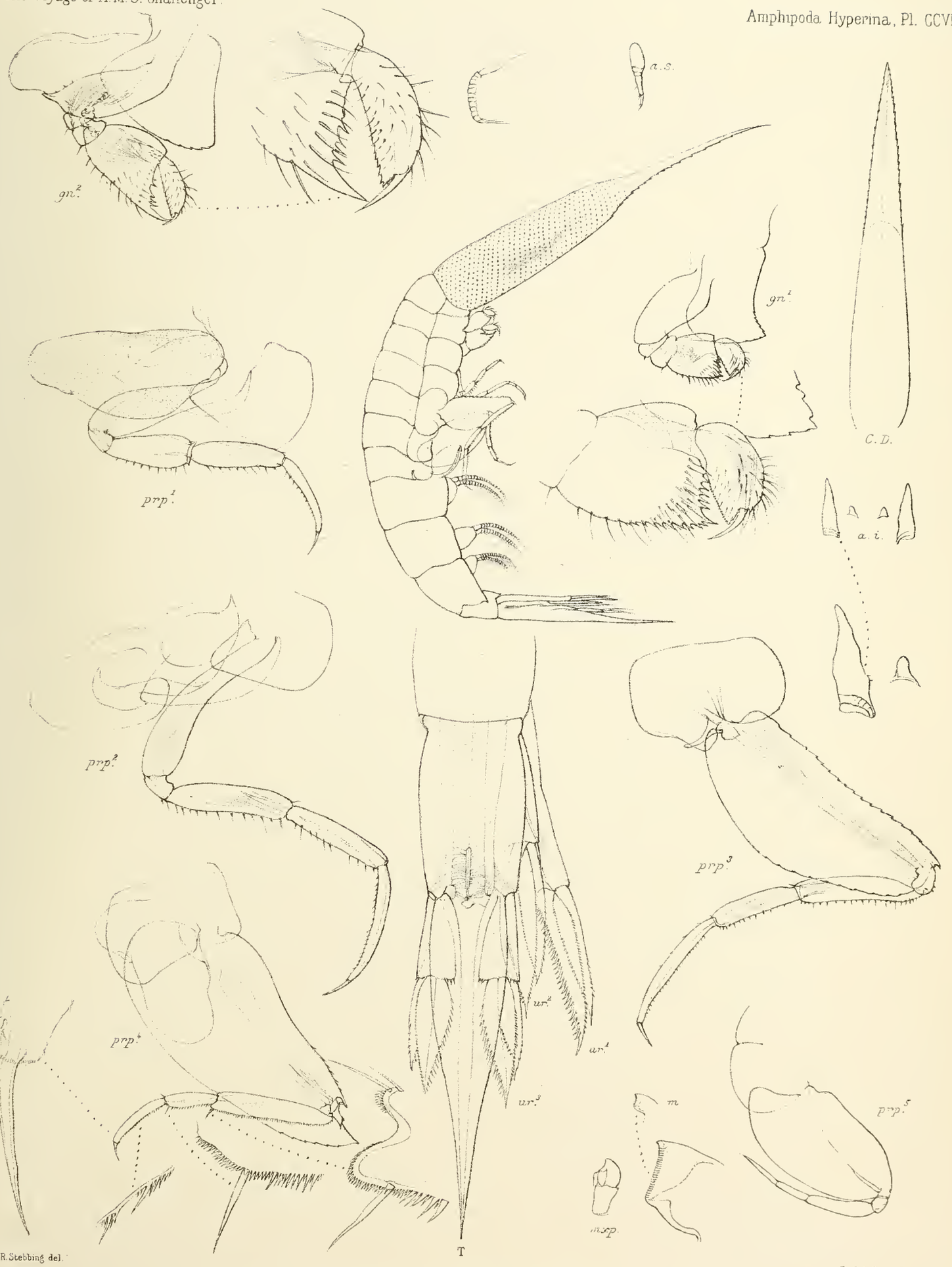
NATURAL HISTORY



T.R.R. Stebbing, del.

Reid & Cowie, 2nd. Edit.

CALAMORHYNCHUS RIGIDUS, n. sp.

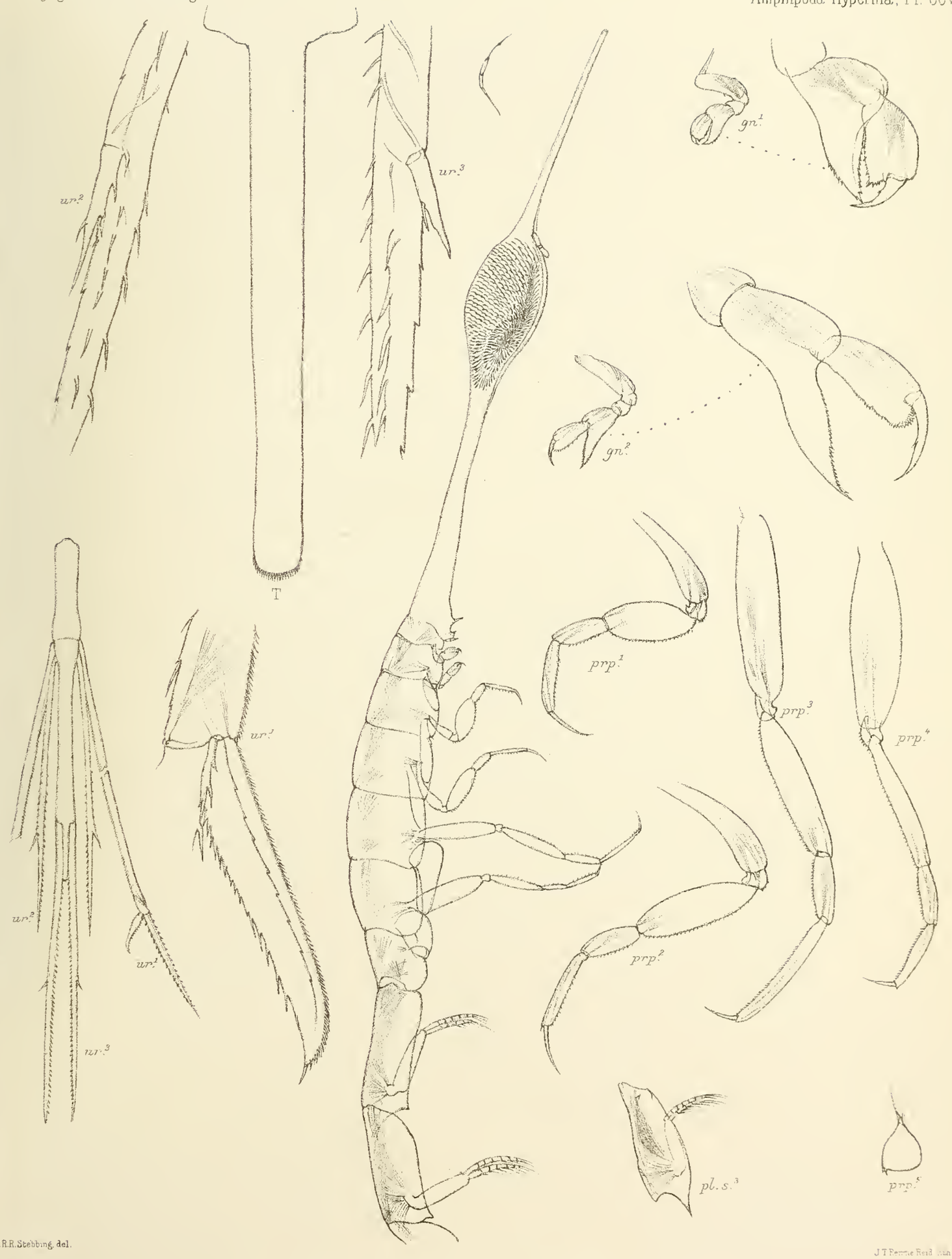


T.R.R. Stebbing del.

Read & Comyn, Lith. Edinr.

STREETSIA CHALLENGERI, n. sp.

BRITISH MUSEUM
NATURAL HISTORY

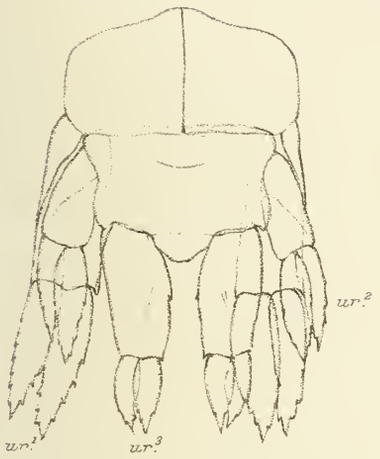


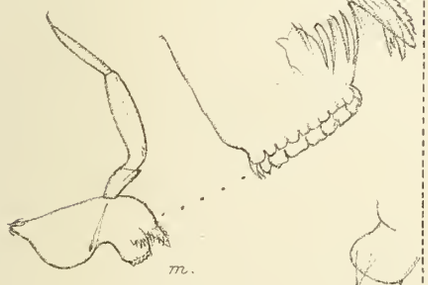
T.R.R.Stebbing, del.

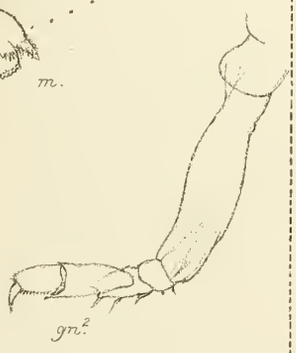
J.T.Perrie Reid, Edin.

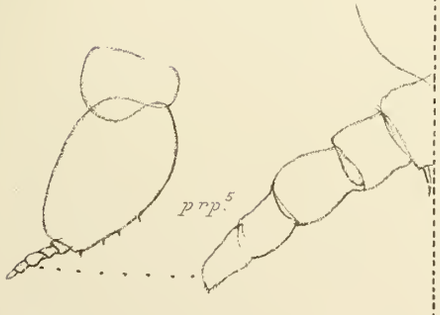
RHABDOSOMA BREVICAUDATUM, n. sp.

A.









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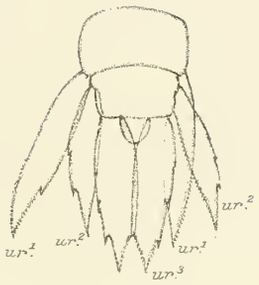
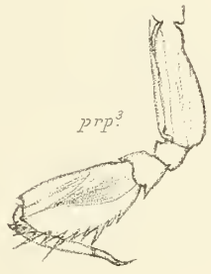
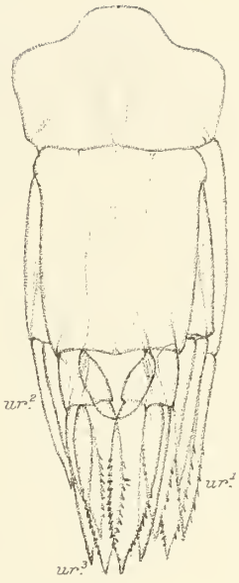
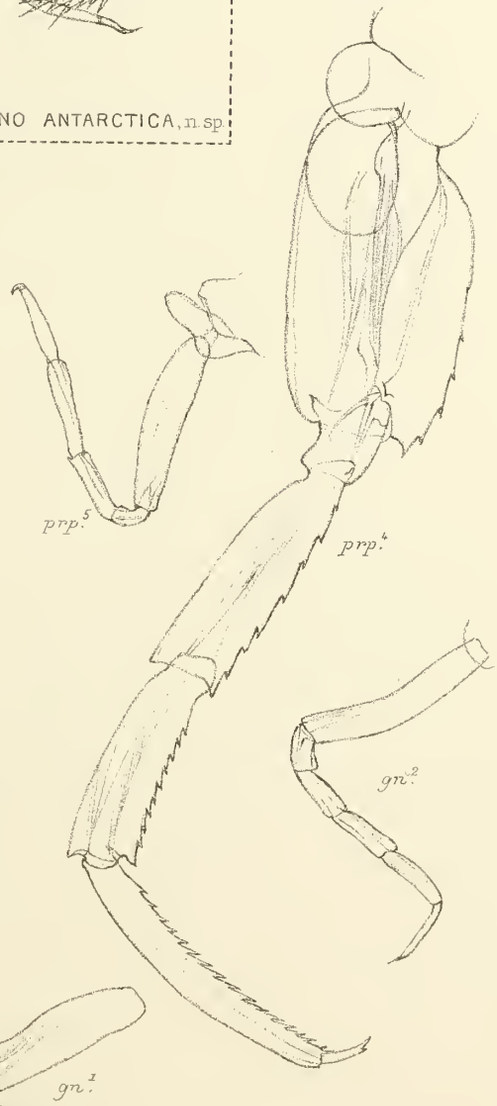




PRIMNO ANTARCTICA, n.sp.

C.





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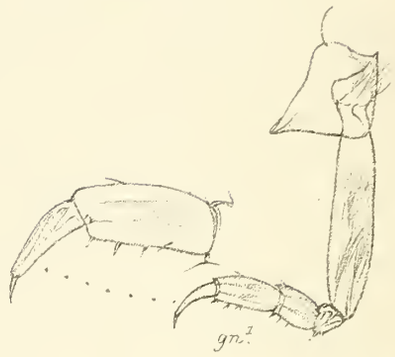
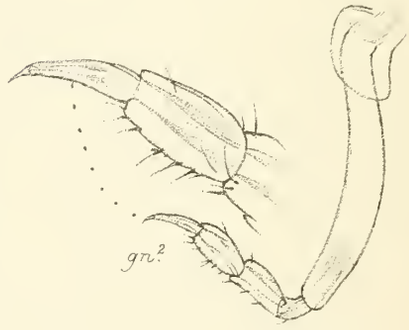
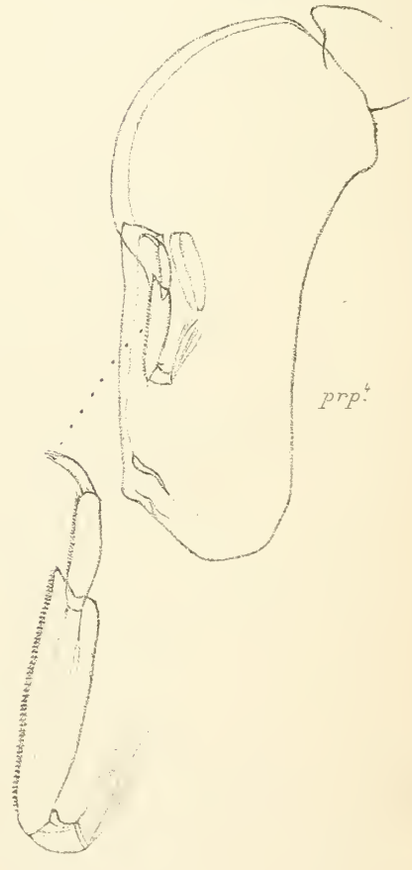






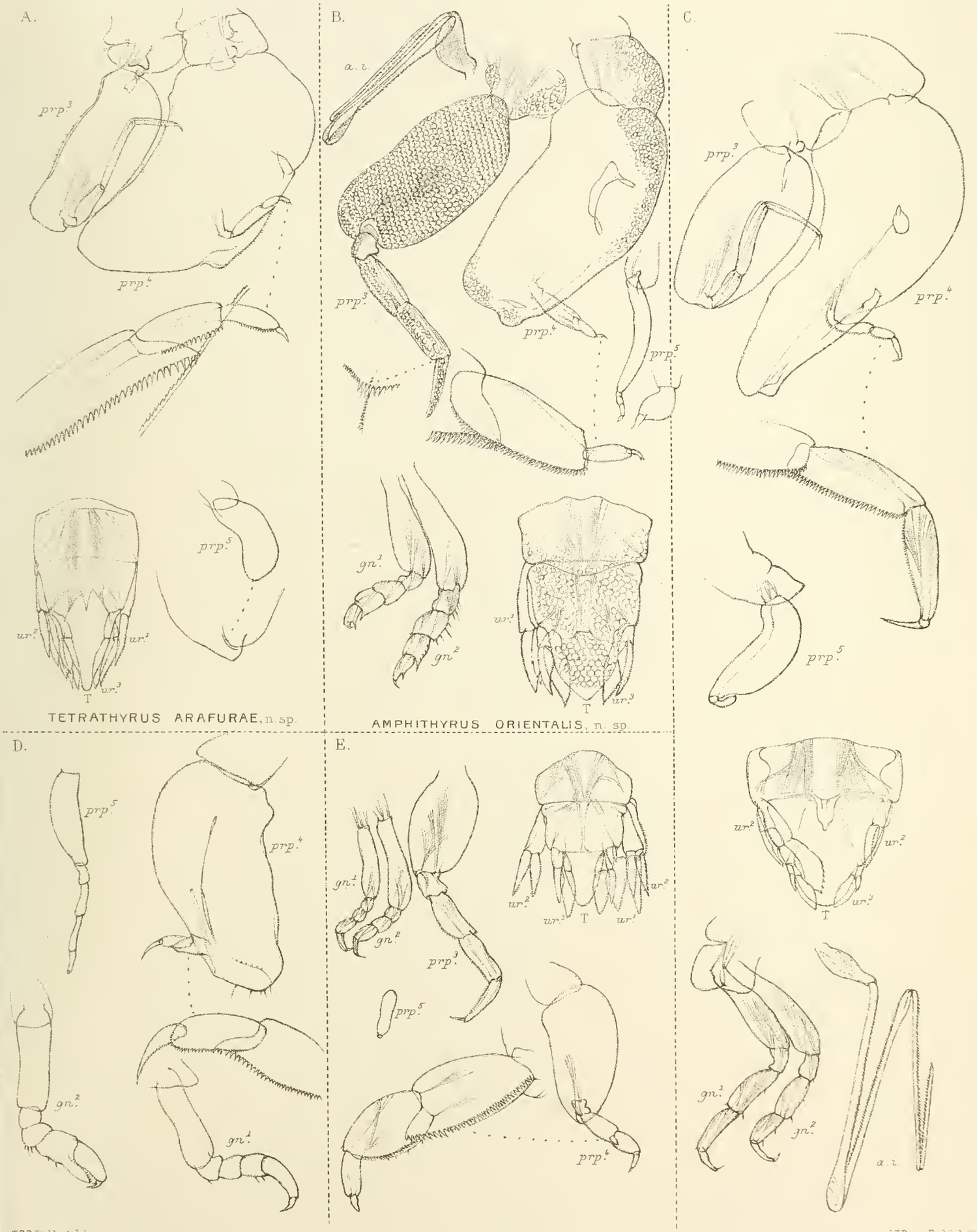
J.R.R. Stebbing del.

CYLLOPUS HOOKERI, n.sp.

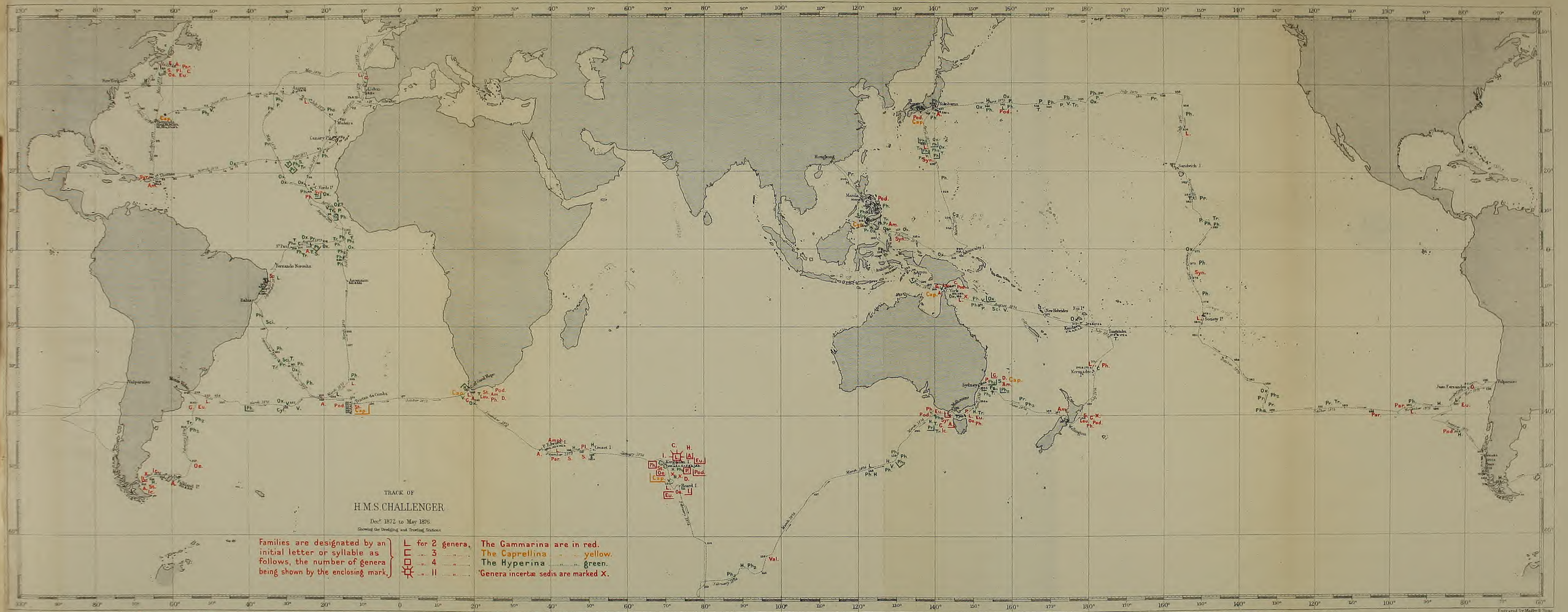
LYCÆOPSIS PAULI, n. sp.

PARATYPHIS PROMONTORII, n. sp.

NATURAL HISTORY



T.R.R. Stebbing del

J.T. Pennie Reid, lith. Edinr.

MAP showing the distribution of the CHALLENGER AMPHIPODA according to Families.